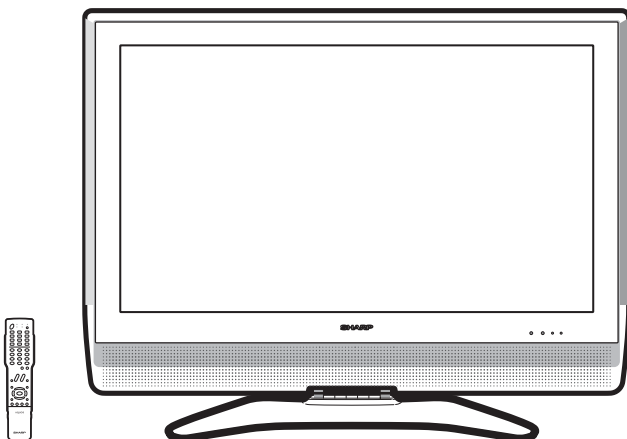


SHARP**SERVICE MANUAL**

S66U2LC45D40U

**LCD COLOR TELEVISION****LC-37D40U****MODELS LC-45D40U**

In the interests of user-safety (Required by safety regulations in some countries) the set should be re-stored to its original condition and only parts identical to those specified should be used.

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SHARP CORPORATION

This document has been published to be used for
after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.

LC-37D40U: F701 (8A, 125V)
F4701, F5701 (3A~, 250V, 115°C)
LC-45D40U: F7801 (8A, 250V)
F702, F703 (5A, 125V)
F4701, F4703, F5701 (3A~, 250V, 115°C)

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

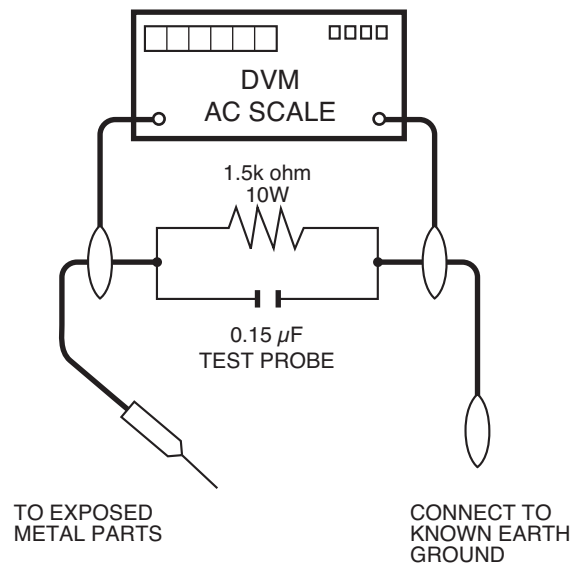
Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 120 volt AC outlet.
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.75 Vrms (this corresponds to 0.5 mA rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD color television have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "

⚠" and shaded areas in the **Replacement Parts List** and **Schematic Diagrams**.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

- Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit.
C'est dangereux.
2. Débrancher le récepteur avant toute réparation.

PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE

LC-37D40U: F701 (8A, 125V)
F4701, F5701 (3A~, 250V, 115°C)
LC-45D40U: F7801 (8A, 250V)
F702, F703 (5A, 125V)
F4701, F4703, F5701 (3A~, 250V, 115°C)

VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

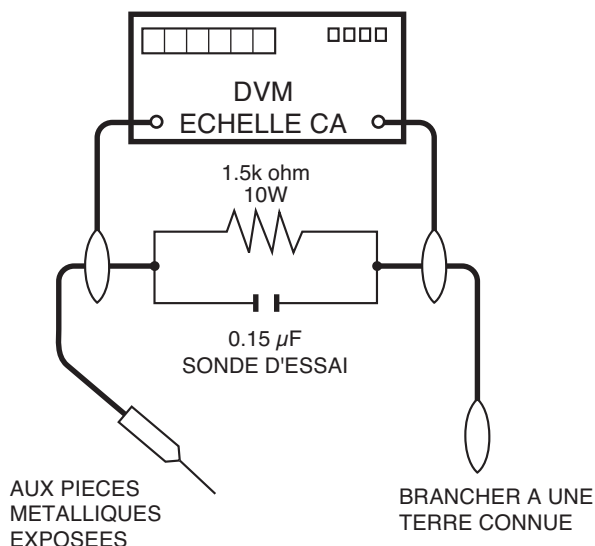
Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la façon suivante:
 - Brancher le cordon d'alimentation directement à une prise de courant de 120V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
 - A l'aide de deux fils à pinces, brancher une résistance de 1.5 k Ω 10 watts en parallèle avec un condensateur

de 0.15 μ F en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.

- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000 Ω /V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.) Tous les courants mesurés ne doivent pas dépasser 0.5 mA.

Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseur ACL présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.

Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont

identifiées par la marque " ⚠ " et hachurées dans la **liste des pièces de remplacement** et les **diagrammes schématiques**.

Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

Precautions for using lead-free solder

1 Employing lead-free solder

"PWBs" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:

LFa
Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

LFa/a
Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

2 Using lead-free wire solder

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

3 Soldering

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No,	★	Description	Code
ZHNDai123250E	J	φ0.3mm 250g(1roll)	BL
ZHNDai126500E	J	φ0.6mm 500g(1roll)	BK
ZHNDai12801KE	J	φ1.0mm 1kg(1roll)	BM

Specifications

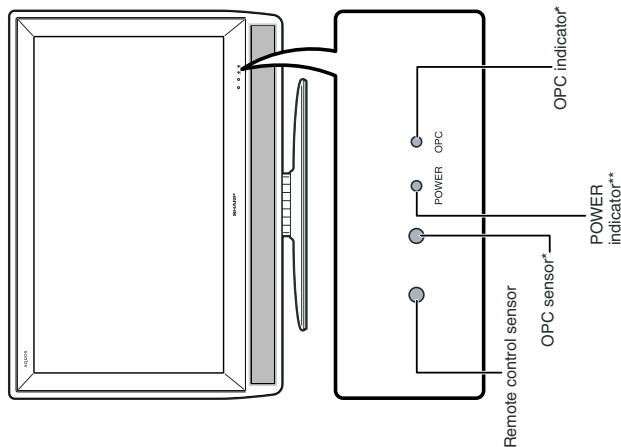
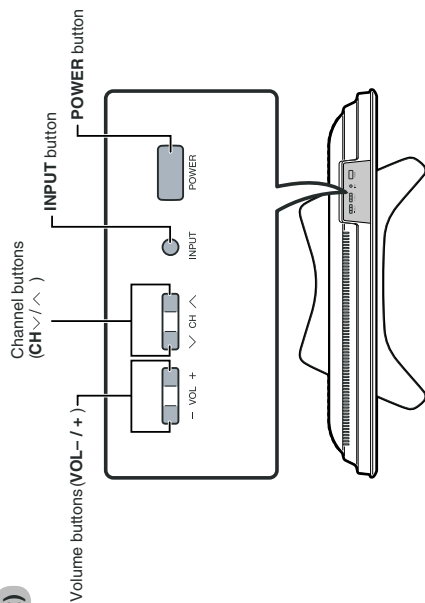
Item			Model: LC-37D40U	Model: LC-45D40U
LCD panel			37" Advanced Super View & BLACK TFT LCD	45"Advanced Super View & BLACK TFT LCD
Number of dots			3,147,264 dots (1366 x 768 x 3 dots)	
TV Function	TV-standard (CCIR)		American TV Standard ATSC/NTSC System	
	Receiving Channel	VHF/UHF	VHF 2-13ch, UHF 14-69ch	
		CATV	1-135ch* (non-scrambled channel only.)	
		Digital Terrestrial Broadcast (8VSB)	2-69ch	
	Audio multiplex		BTSC System	
Brightness			450cd/m ²	
Viewing angles			H : 176° V : 176°	
Audio out			10W x 2	
Terminals	Rear	INPUT 1	AV in, COMPONENT in	
		INPUT 2	AV in, COMPONENT in	
		INPUT 3	S-VIDEO in, AV in	
		INPUT 4	Audio in, HDMI in with HDCP	
		INPUT 5	HDMI in with HDCP	
		ANTENNA	75Ω Unbalance, F Type x 1 for Analog (VHF/UHF/CATV) and Digital (AIR/CABLE)	
		DIGITAL AUDIO OUTPUT	Optical Digital audio output x 1 (PCM/Dolby Digital)	
		OUTPUT	Audio out	
OSD language			English/French/Spanish	
Power Requirement			AC 120 V, 60 Hz	
Power Consumption			186 W	270 W
Weight		w/o stand	48.5 lbs./22.0 kg	63.3 lbs./28.7 kg
		with stand	53.8 lbs./24.4 kg	68.8 lbs./31.2 kg
Dimension (W x H x D)		w/o stand	37 ¹ / ₄ x 26 ¹⁵ / ₆₄ x 4 ⁵ / ₈ inch	43 ⁵³ / ₆₄ x 29 ⁵⁷ / ₆₄ x 4 ³¹ / ₃₂ inch
		with stand	37 ¹ / ₄ x 28 ³⁵ / ₆₄ x 12 ¹ / ₆₄ inch	43 ⁵³ / ₆₄ x 31 ⁶³ / ₆₄ x 12 ¹ / ₆₄ inch
Accessories			Remote control unit (x1), AC cord (x1), “AAA” size battery (x2), Cable clamp (x1), Cable tie (x1), Stand unit (x1), Operation manual (x1)	
Operating temperature			+32°F to +104°F (0°C to +40°C)	

- *Emergency alert messages via Cable are unreceivable.
- As part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

Operation Manual

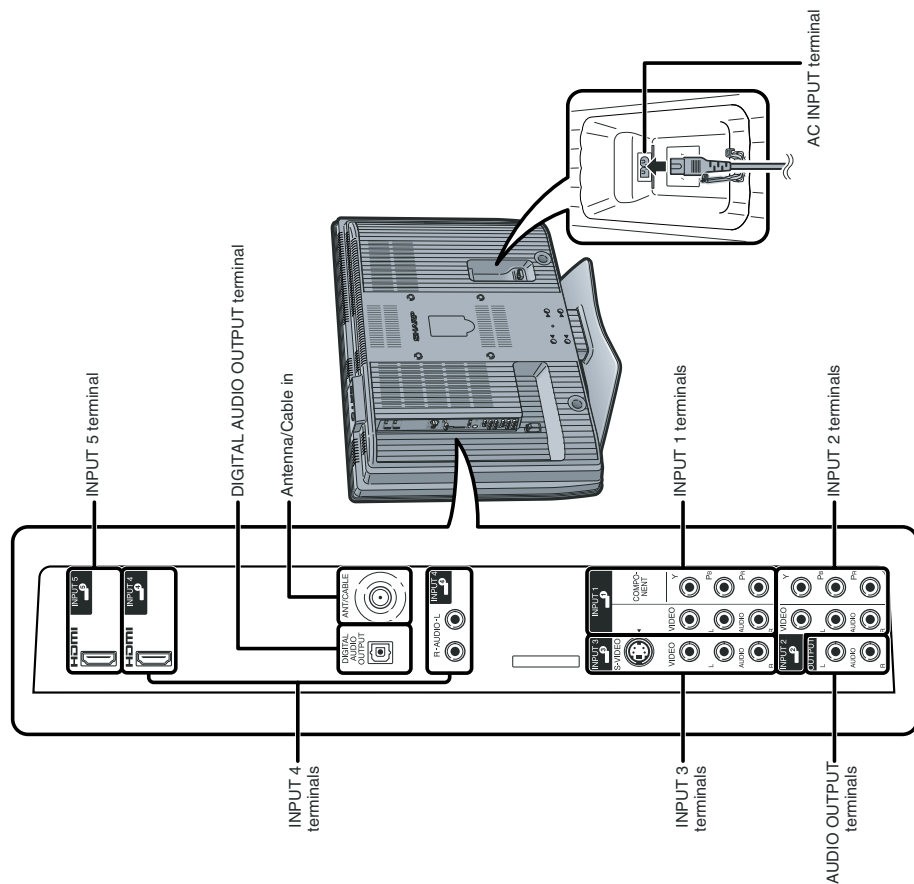
Part names

TV (Front)



Part names

TV (Rear)



*OPC: Optical Picture Control.
**for TV status indicator.

Menu items

List of menu items to help you with operations



- OPC
- Backlight
- Contrast
- Brightness
- Color
- Tint
- Sharpness
- Advanced
- Color Temp.
- Black
- 3D-Y/C
- Monochrome
- Film Mode
- Range of OPC



- Treble
- Bass
- Balance
- Surround



- No Signal Off
- No Operation Off



- EZ Setup
- CH Setup
- Antenna Setup-DIGITAL
- Input Skip
- Input Label
- Parental CTRL
- Position
- Picture Flip
- Standby Mode
- Language
- Reset



- Audio Only
- Digital Noise Reduction
- Input Select
- HDMI Setup
- Output Select
- Quick Shoot
- Color System
- Caption Setup
- Program Title Display
- Favorite CH

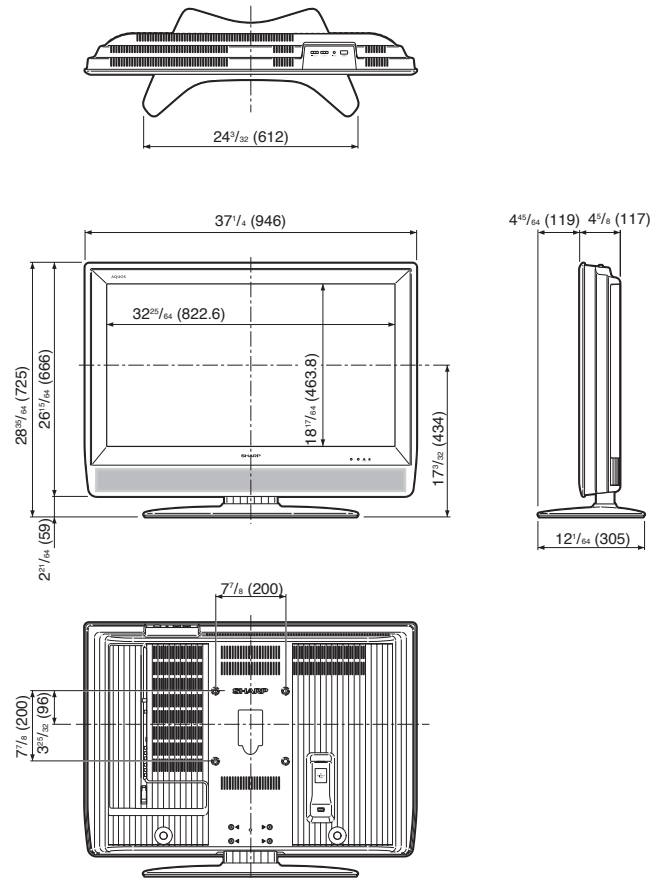


- Audio Setup

Dimensions

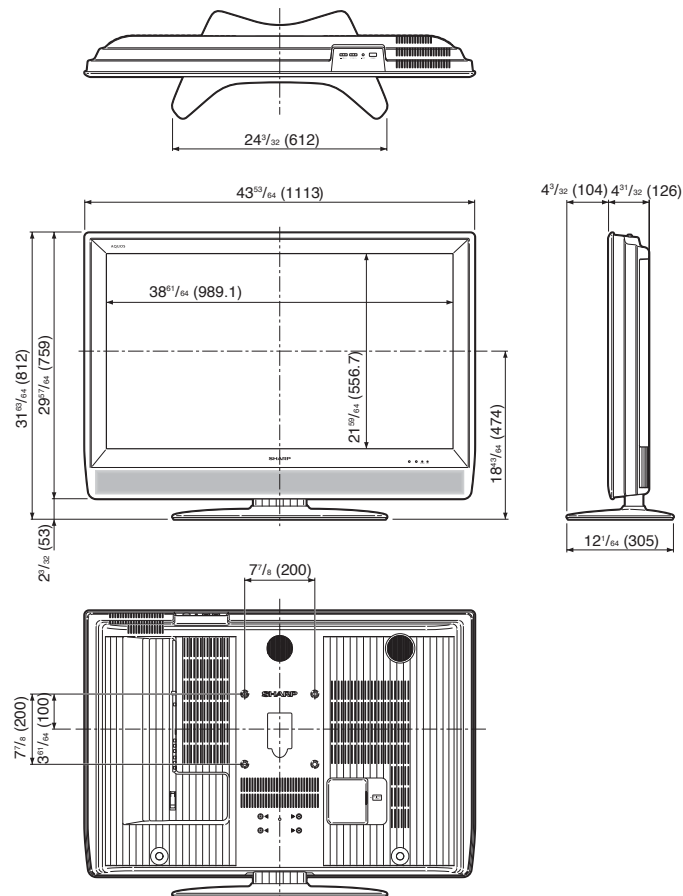
LC-37D40U

Unit: inch/(mm)



LC-45D40U

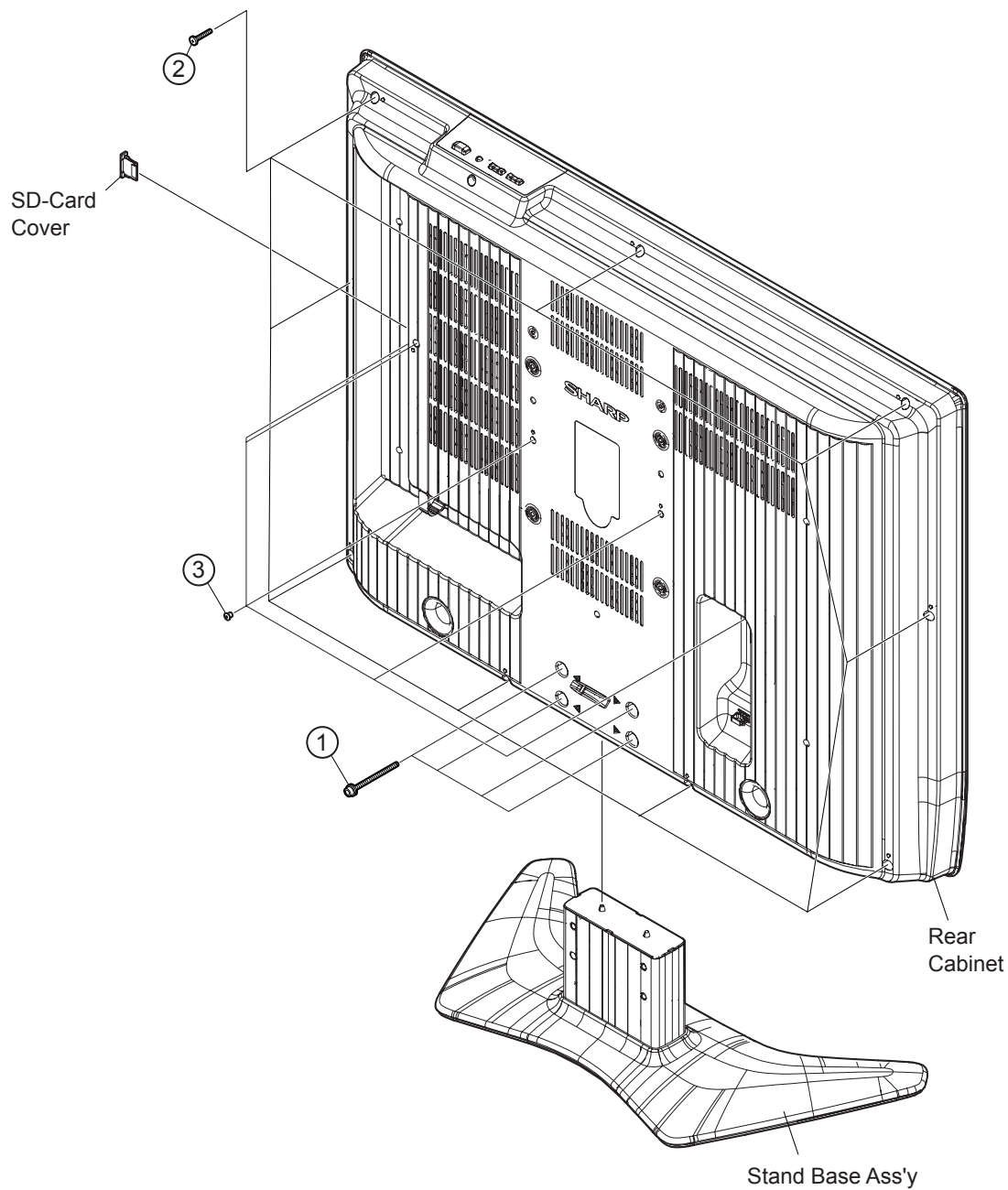
Unit: inch/(mm)



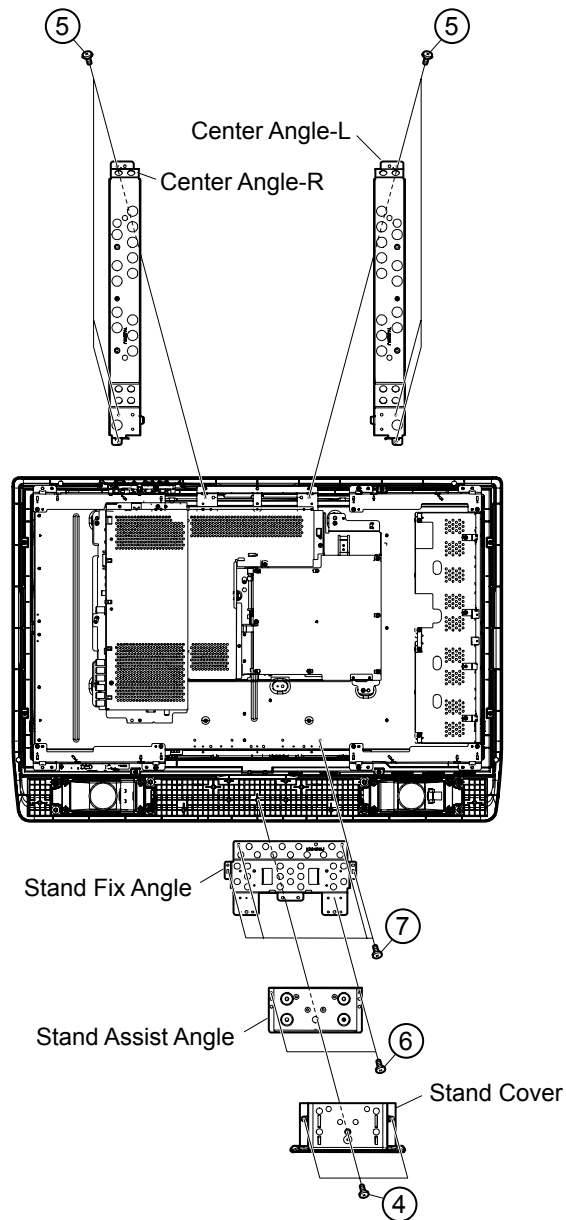
REMOVING OF MAJOR PARTS

(LC-37D40U)

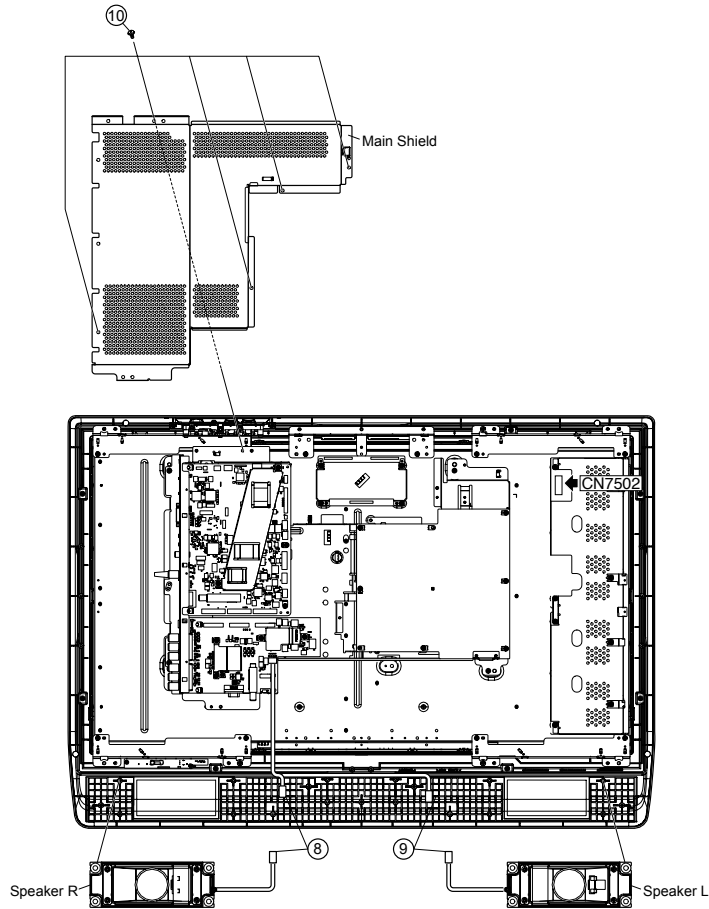
1. Remove the SD Card Cover .
2. Remove the 4 lock screws ① and detach the Stand Base Ass'y.
3. Remove the 9 lock screws ②, 5 lock screws ③ and detach the Rear Cabinet.



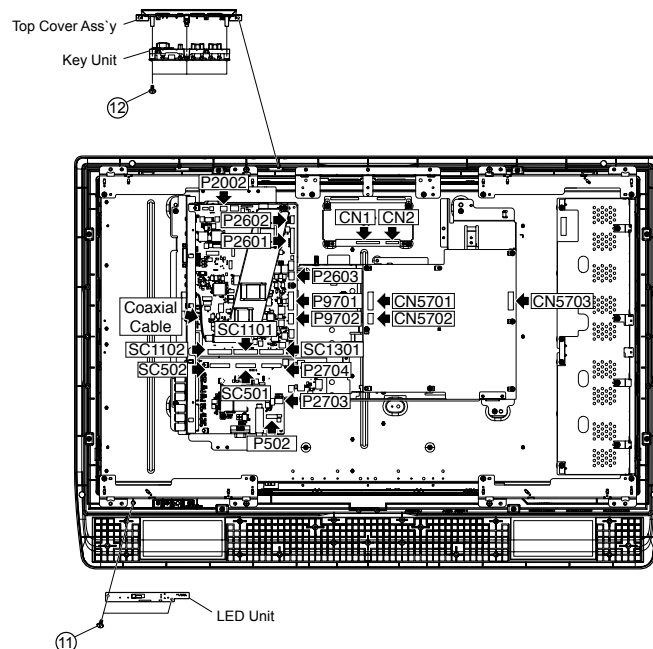
4. Remove the 3 lock screws ④ and detach the Stand Cover.
5. Remove the 6 lock screws ⑤ and detach the Center Angle-L and R.
6. Remove the 2 lock screws ⑥ and detach the Stand Assist Angle.
7. Remove the 4 lock screws ⑦ and detach the Stand Fix Angle.



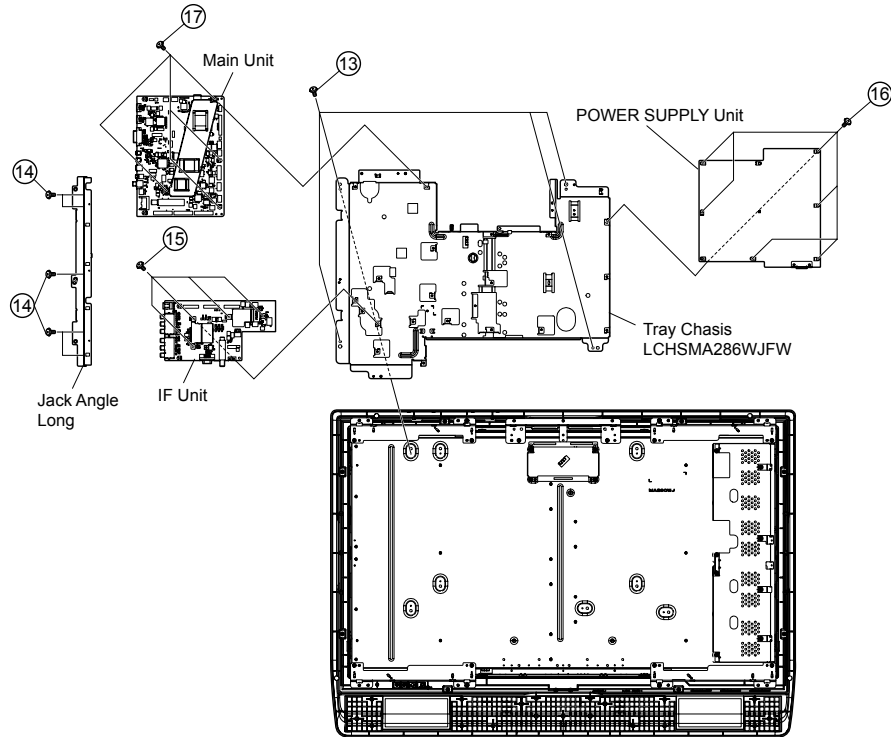
8. Disconnect the connectors ⑧ and ⑨, and detach the Speaker L and R.
9. Disconnect the connector CN7502.
10. Remove the 5 lock screws ⑩ and detach the MAIN Shield.



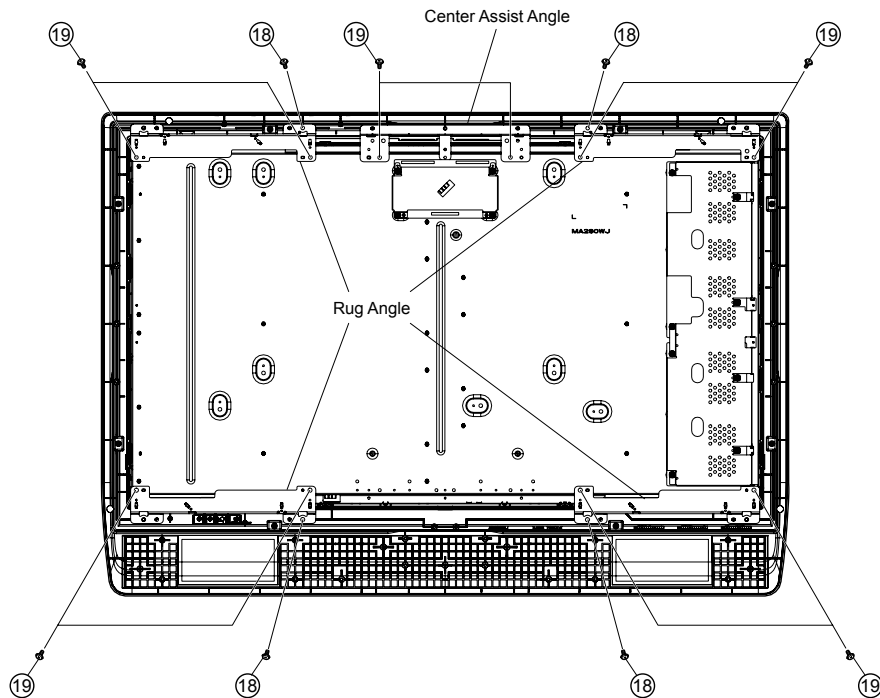
11. Disconnect the connectors, (P2002, P2601, P2602, P2603, P9701, P9702, SC1102, SC1101, SC1301, CN1, CN2, P2703, P502, CN5701, CN5702, CN5703) and Remove the Coaxial Cable.
12. Remove the 2 lock screws ⑪ and detach the LED Unit.
13. Remove the KEY Unit and Remove the 3 lock screws ⑫ from the Top Cover Ass'y



14. Remove the 4 lock screws ⑬ and detach the PWB Ass'y.
15. Remove the 5 lock screws ⑭ and detach the Jack Angle Long.
16. Remove the 4 lock screws ⑮ and detach the IF Unit.
17. Remove the 6 lock screws ⑯ and detach the POWER SUPPLY Unit.
18. Remove the 4 lock screws ⑰ and detach the MAIN Unit.

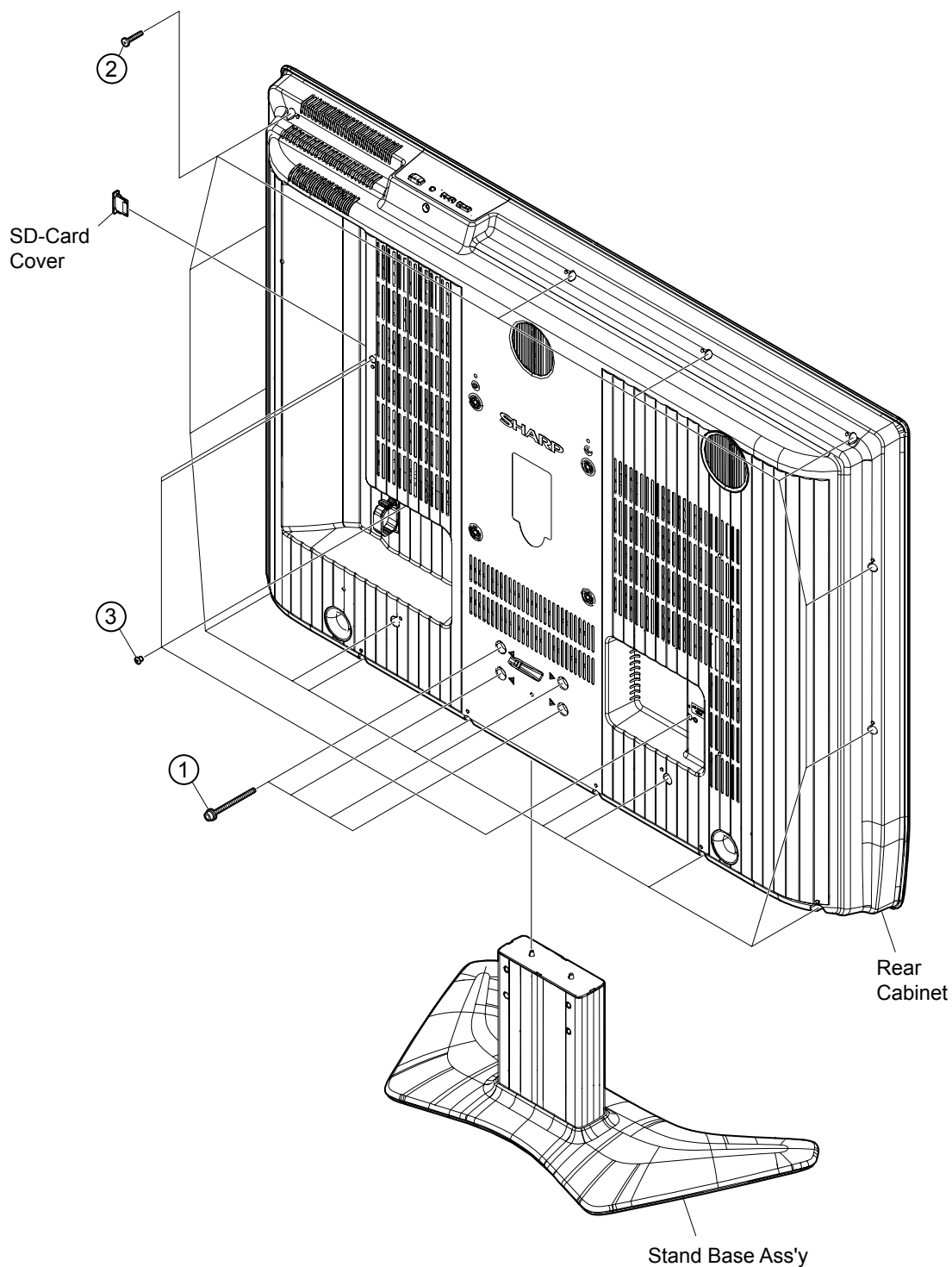


19. Remove the 4 lock screws ⑱ and Remove the 10 lock screws ⑲ and detach the Center Assist Angle and Rug Angles and LCD Panel Module.

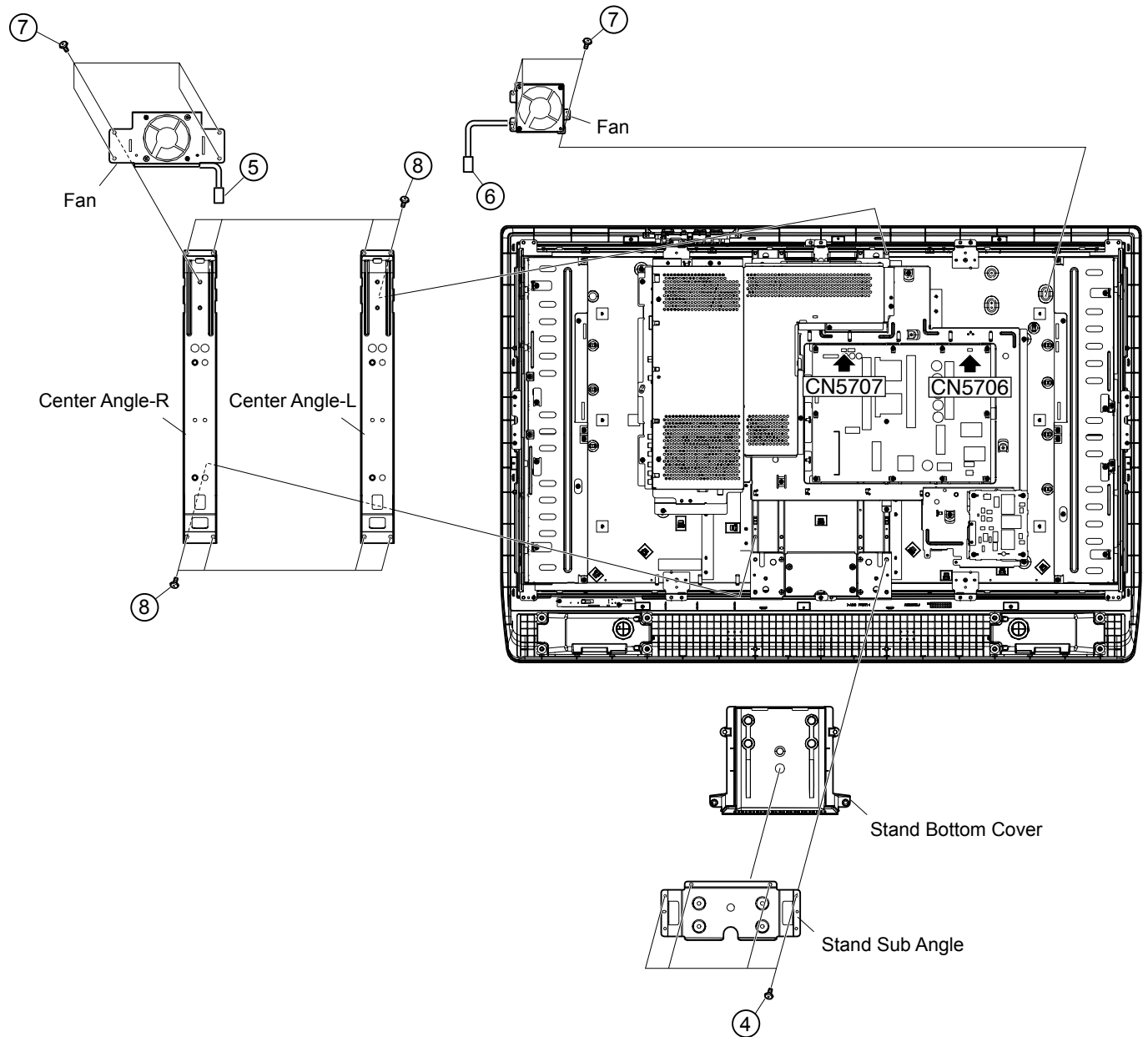


(LC-45D40U)

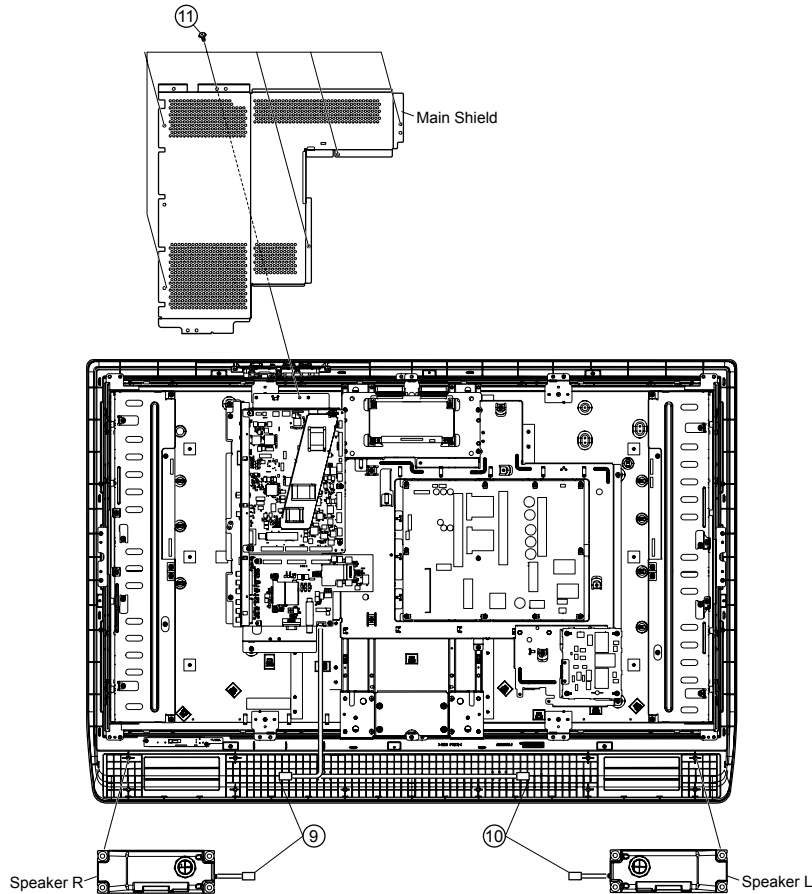
1. Remove the SD Card Cover .
2. Remove the 4 lock screws ① and detach the Stand Base Ass'y.
3. Remove the 16 lock screws ②, 4 lock screws ③ and detach the Rear Cabinet.



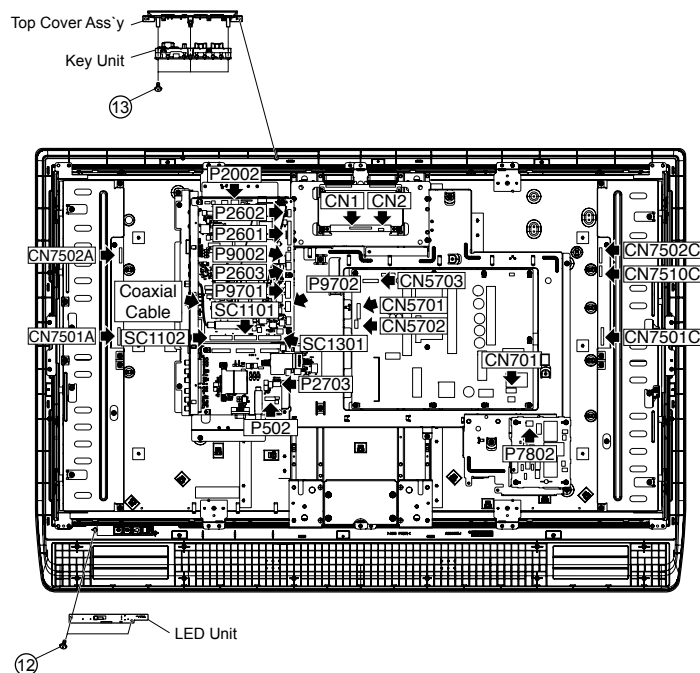
4. Remove the 4 lock screws ④ and detach the Stand Sub Angle and Stand Bottom Cover.
5. Disconnect the Connectors ⑤ and ⑥ and Remove the 7 lock screws ⑦ and detach the 2 Fans.
6. Remove the 8 lock screws ⑧ and detach the Center Angle-L and R.



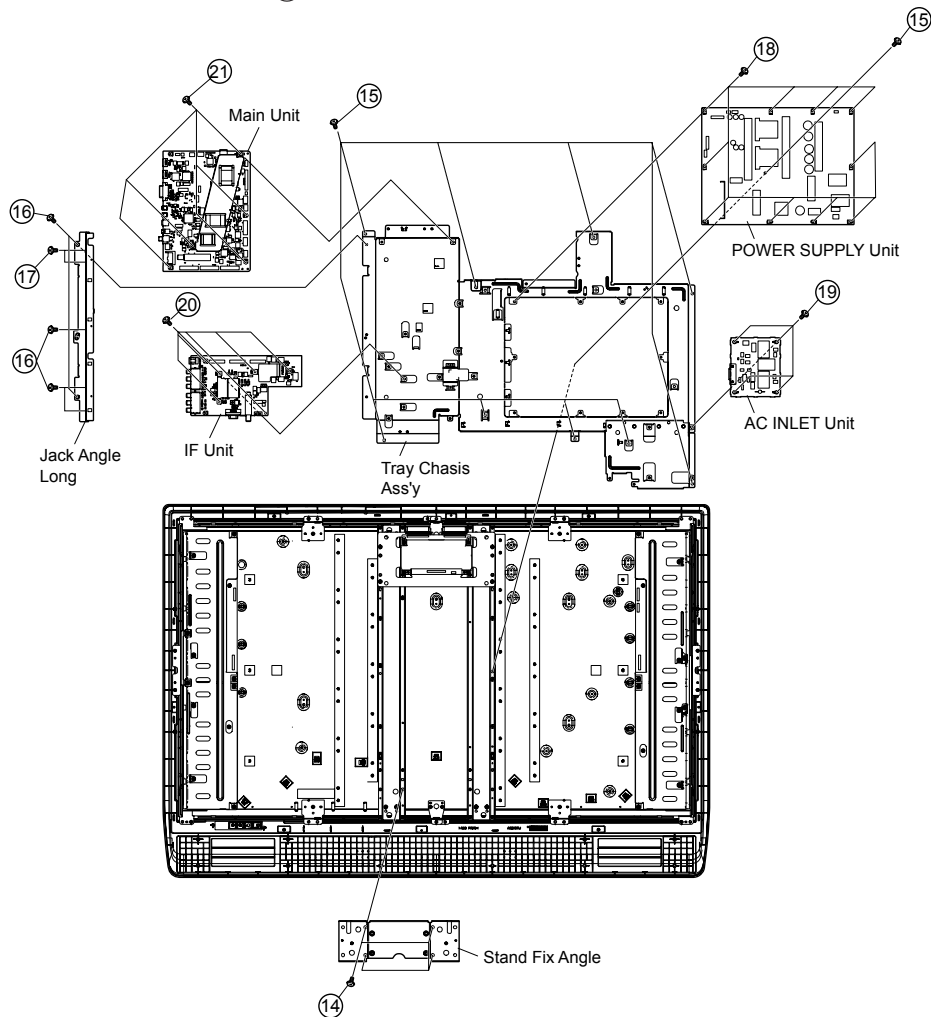
7. Disconnect the connectors ⑨ and ⑩, and detach the Speaker L and R.
8. Remove the 6 lock screws ⑪ and detach the MAIN Shield.



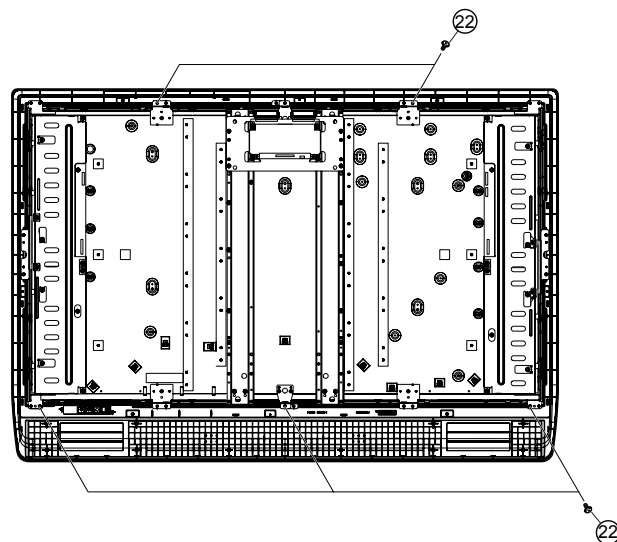
9. Disconnect the connector (CN7502A, CN7051A, P2002, P2601, P2602, P2603, P9002, P9701, P9702, SC1101, SC1102, SC1301, P2703, P502, CN1, CN2, CN5703, CN5701, CN5702, CN701, P7802, CN7501C, CN7502C, CN7510C) and Remove the Coaxial Cable.
10. Remove the 2 lock screws ⑫ and detach the LED Unit.
11. Remove the KEY Unit and Remove the 3 lock screws ⑬ from the Top Cover Ass'y



12. Remove the 4 lock screws ⑭ and detach the Stand Fix Angle.
13. Remove the 10 lock screws ⑮ and detach the PWB Ass'y.
14. Remove the 7 lock screws ⑯ and ⑰ and detach the Jack Angle Long.
15. Remove the 10 lock screws ⑱ and detach the POWER SUPPLY Unit.
16. Remove the 4 lock screws ⑲ and detach the AC INLET Unit.
17. Remove the 6 lock screws ⑳ and detach the IF Unit.
18. Remove the 5 lock screws ㉑ and detach the MAIN Unit.



19. Remove the 5 lock screws ㉒ and detach the LCD Panel Unit.



ADJUSTMENT PROCEDURE

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

1. After replacement of any PWB unit and/or IC for repair, please note the following.

When replacing the following units, make sure to prepare the new units loaded with updated software.

MAIN Unit: DUNTKD640FM06 (LC-37D40U) / DUNTKD640FM07 (LC-45D40U)

IF Unit: DUNTKD643FM06 (LC-37D40U) / DUNTKD643FM07 (LC-45D40U)

2. Upgrading of each microprocessor software

**Caution: Never "POWER OFF" the unit when software upgrade is ongoing.
Otherwise the system may be damaged beyond recovery.**

2-1. Software version upgrade

The model employs the following software.

- Main software
- Monitor microprocessor software

The main software and the monitor microprocessor software can be upgraded by using a general-purpose SD memory card.

The followings are the procedures for upgrading, explained separately for each of the main software, the monitor microprocessor software.

2-2 Main software version upgrade

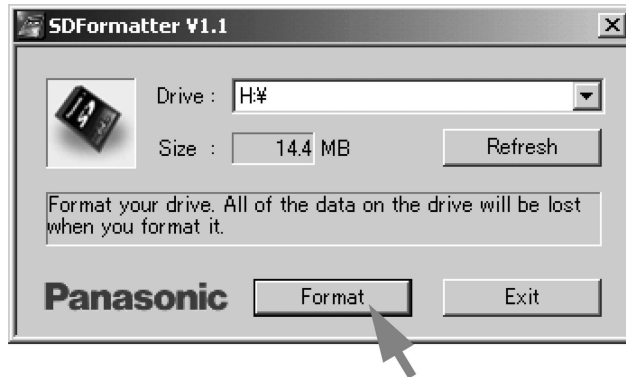
Get ready before you start

- SD memory card of 32MB or higher capacity
- PC running on Windows 98/98SE/ME/2000/XP operating system
- SD memory card reader/writer with USB connectivity.
- SD memory card formatting software
(Downloadable at http://panasonic.jp/support/audio/sd/download/sd_formatter_e.html)

Preparations

To upgrade the main software, it is necessary to get ready the SD card for version upgrade before you start. Follow the steps below and create the SD card for version upgrade.

- ① Insert the SD card into the SD card reader/writer. Start the SD card formatting software. Click [Format].
(When you have the drive options, select the drive where the SD card is inserted before you proceed.)



- ② When the formatting is over, the following window appears. Click [OK].



- ③ Click [Exit] to finish the formatting.

Note: When you are done, take out the SD card once to make sure it is finished, and then insert it again.



- ④ Copy the binary image file M150Axxx.SDC (named temporarily) for version upgrade to the root directory (folder) of the SD card drive.

Note: In the SD card drive, do not store other folders or unrelated files, or more than one binary image files for version upgrade.

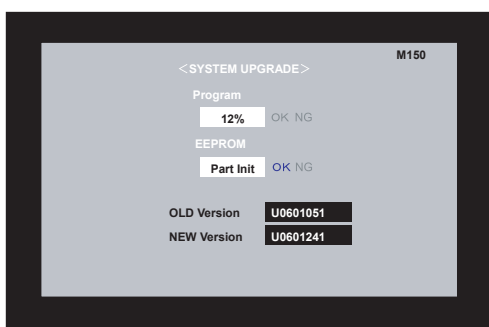
Now the SD card for version upgrade is ready.

How to upgrade the software

- ① Shut off the AC power (i.e. unplug the AC cord).
- ② Insert the SD card for version upgrade (prepared as above) into the service socket located lower side from center at terminals, above S-VIDEO terminal in the rear of the unit, in a way that the cut corner of the SD card comes at the upper side.

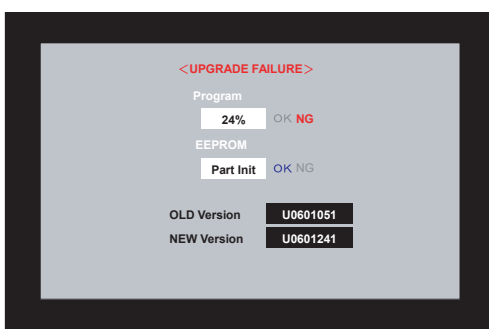
Note: If the SD card is inserted in a wrong way, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

- ③ Turn on the AC power (i.e. plug in the AC cord).
- ④ After the unit startup, the system upgrade screen as shown below appears within 20-40 seconds.

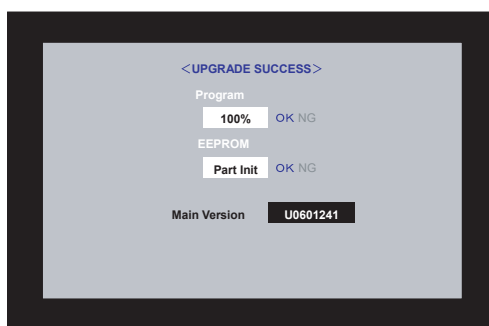


- ⑤ Even a single failure in the process will trigger the upgrade failure screen as shown below. The word "NG" changes to red for the item failed.

Note: In the event of a failure, repeat the upgrading process. If the process repeatedly fails, it is likely that the hardware is troubled.



- ⑥ Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.



- ⑦ Shut off the AC power to the unit (unplug the AC cord), and remove the SD card for version upgrade.
- ⑧ Now the software version upgrade is complete.

Note: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the main software version information.

2-3 Monitor microprocessor software version upgrade

Get ready before you begin

Get ready the same items as listed in the "Main software version upgrade".

Preparation

Create the SD card for monitor microprocessor software version upgrade in the same manner as explained in the "Main software version upgrade". Copy the binary image file M150Mxxx.SDC (named temporarily) for monitor microprocessor software version upgrade to the SD card drive.

How to upgrade the software

- ① Shut off the AC power to the unit (i.e. unplug the AC cord).
- ② Insert the SD card for version upgrade (prepared as above) into the service socket located lower side from center at terminals, above S-VIDEO terminal in the rear of the unit, in a way that the cut corner of the SD card comes at the upper side.

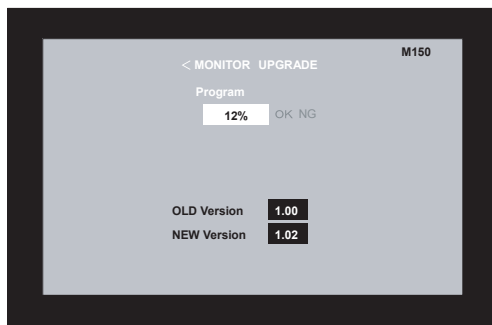
Note: If the SD card is inserted in a wrong way, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

- ③ Turn on the AC power (i.e. plug in the AC cord).

Caution!!

The moment this operation is done, the upgrading of the monitor microprocessor software starts. While the upgrade is ongoing, never power off the unit. Otherwise the upgrade will fail and the system may have a serious damage beyond recovery (inability to start).

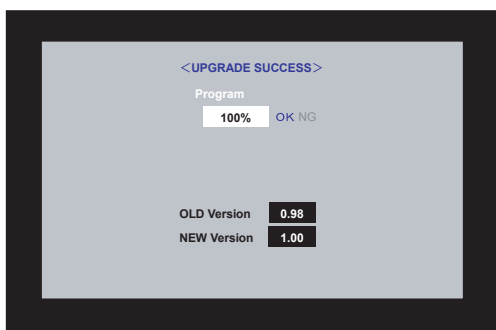
- ④ After the unit startup, the system upgrade screen as shown below appears within 10-30 seconds.



- ⑤ A failure in the process will trigger the upgrade failure screen. The word "NG" changes to red for the item failed.

Note: In the event of a failure, repeat the upgrading process. If the process repeatedly fails, it is likely that the hardware is troubled.

- ⑥ Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.



⑦ Shut off the AC power to the unit (unplug the AC cord), and remove the SD card for version upgrade.

⑧ Now the software version upgrade is complete.

Note: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the monitor microprocessor software version information.

2-4. Video signal adjustment procedure

1) Image adjustment

(1) Device check

■ Before adjustment, make sure that the adjusting device and signal source are set for the Sharp LCD US.

■ Signal generator level adjustment check (Adjustment to the specified level)

- Composite signal : 0.714Vp-p \pm 0.02Vp-p (Pedestal to white level)
- 15K component signal : Y level : 0.714Vp-p \pm 0.02Vp-p (Pedestal to white level)
PB, PR level: 0.7Vp-p \pm 0.02Vp-p
- 33K component signal : Y level : 0.7Vp-p \pm 0.02Vp-p (Pedestal to white level)
PB, PR level: 0.7Vp-p \pm 0.02Vp-p

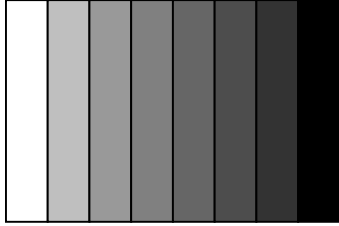
(2) Entering the adjustment process mode

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment process mode		Enter the process adjustment mode using the process adjustment remote control.

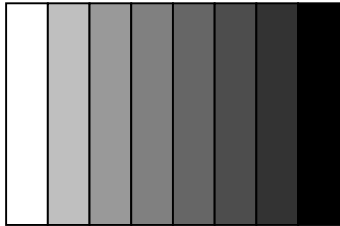
(3) N358 composite signal / Tuner adjustment

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment	N358 signal US-10ch	<p>Feed the N358 color bar signal (75% color saturation) to VIDEO 1 input. Feed the RF signal (by use of US-10ch) to TUNER.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <p>[Video input signal]</p> <p>75% color saturation</p> <p>↑100% white</p> </div> <div style="text-align: center;"> <p>[US-10CH]</p> <p>↑100% white</p> </div> </div>
2	Auto adjustment performance	Page 3	<p>Bring the cursor on [■N358 ALL ADJ] and press [ENTER]. [■N358 ALL ADJ FINISH] appears when finished.</p>

(4) Component 15K signal adjustment

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment	480i signal	<p>Feed the 100% color bar signal to VIDEO 1 component input.</p>  <p>480i 100% color bar signal</p> <p>↑100% white ↑0% black</p>
2	Auto adjustment performance	Page 5	<p>Bring the cursor on [■COMP 15K MAIN ADJ] and press [ENTER]. [■COMP 15K MAIN ADJ FINISH] appears when finished.</p>

(5) Component 33K signal adjustment

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment	1080i signal	<p>Feed the 100% color bar signal to VIDEO 1 component input.</p>  <p>1080i 100% color bar signal</p> <p>↑100% white ↑0% black</p>
2	Auto adjustment performance	Page 6	<p>Bring the cursor on [■HDTV ADJ] and press [ENTER]. [■HDTV ADJ FINISH] appears when finished.</p>

2-5. Adjustment of white balance

(1) White balance adjustment

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment	Light level: MAX (+12) (Place a luminance meter on the center of the screen.)	1. Apply the following settings to the set. AV MODE: [STANDARD] Aging Time: 60 Min. 2. Connect a white balance adjustment jig and the set. 3. Use an RS-232C command to display the screen for two-point adjustment.
2	Auto adjustment performance		<p>[Adjustment]</p> Set the specified gradation for point 6, and adjust RGB to the standard values of point 6. Set the specified gradation for point 1. Set G of point 1 to the default value [(adjusted G value of point 6) / 944, with fractions rounded] and adjust RB to the standard values of point 1. Set the specified gradation for point 2. Set G of point 2 to the default value [(adjusted G value of point 6) / 944, with fractions rounded] and adjust RB to the standard values of point 2. Set the specified gradation for point 3. Set G of point 3 to the default value [(adjusted G value of point 6) / 944, with fractions rounded] and adjust RB to the standard values of point 3. Set the specified gradation for point 4. Set G of point 4 to the default value [(adjusted G value of point 6) / 944, with fractions rounded] and adjust RB to the standard values of point 4. Set the specified gradation for point 5. Set G of point 5 to the default value [(adjusted G value of point 6) / 944, with fractions rounded] and adjust RB to the standard values of point 5. <p>[Adjustment values]</p> Optical measuring machine: [Minolta CA-210] (Focus on the center of the screen.) Point 1 standard values: x = 0.295, y = 0.305 (200 gradations) Point 2 standard values: x = 0.295, y = 0.305 (264 gradations) Point 3 standard values: x = 0.295, y = 0.305 (464 gradations) Point 4 standard values: x = 0.295, y = 0.305 (576 gradations) Point 5 standard values: x = 0.295, y = 0.305 (800 gradations) Point 6 standard values: x = 0.295, y = 0.305 (944 gradations) Specified value for adjustment: ± 0.0020 , specified value for inspection: ± 0.0035 (point 1) Specified value for adjustment: ± 0.0012 , specified value for inspection: ± 0.0020 (other than the above) Condition when inspecting the unit Light level: MAX (+12)

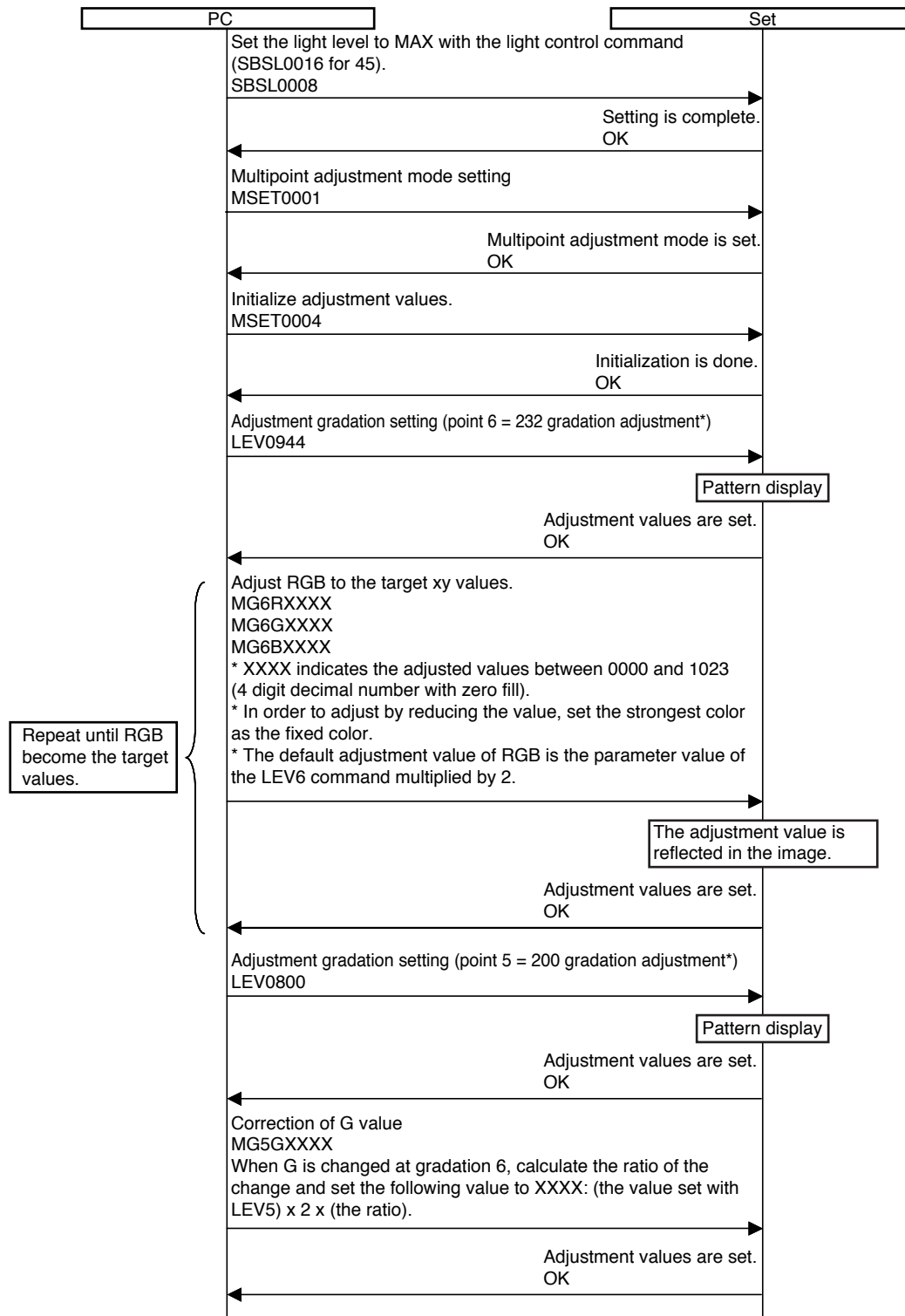
2-6. Key writing

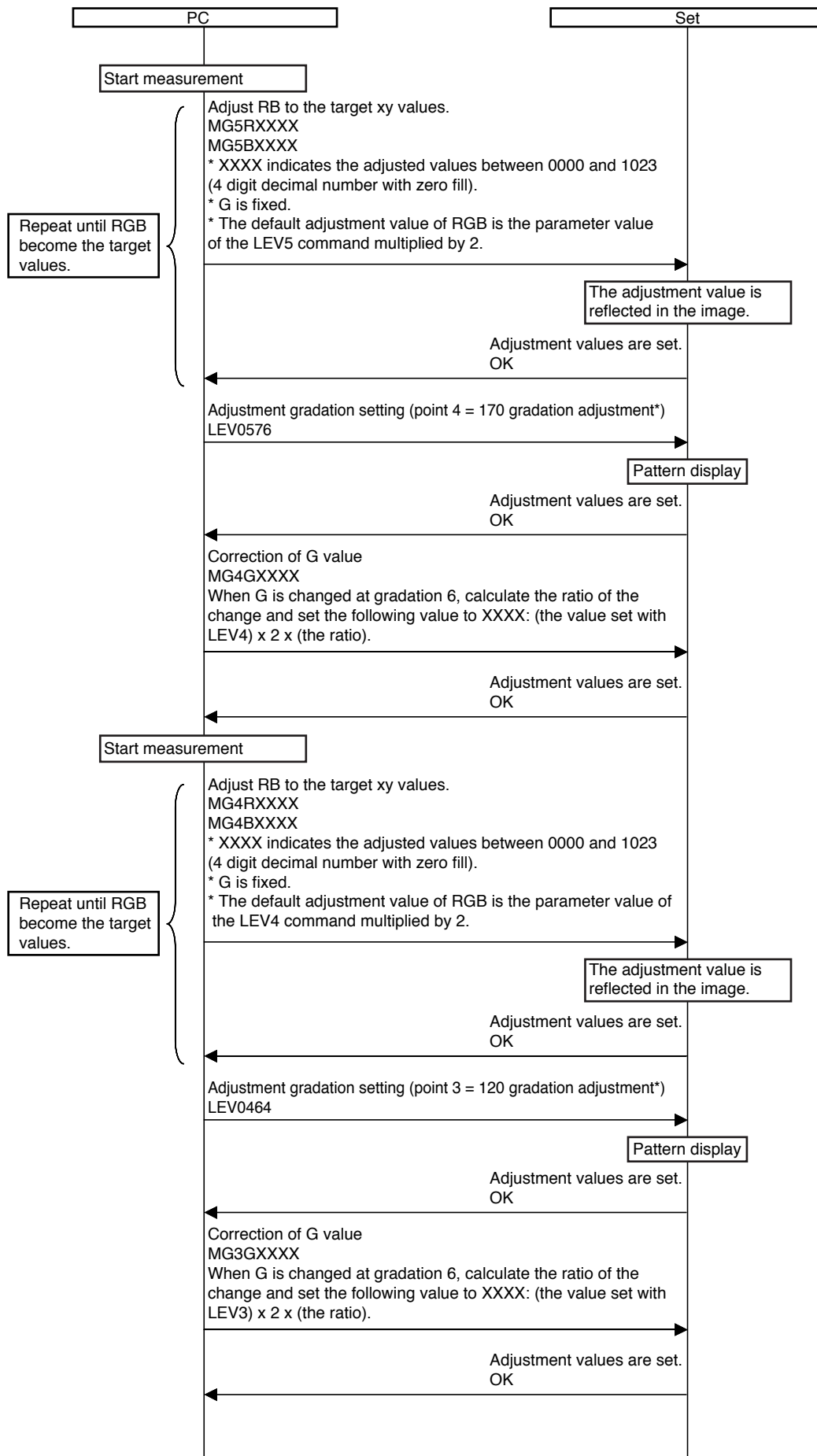
(1) EDID writing (MAIN PWB: HDMI input terminal)

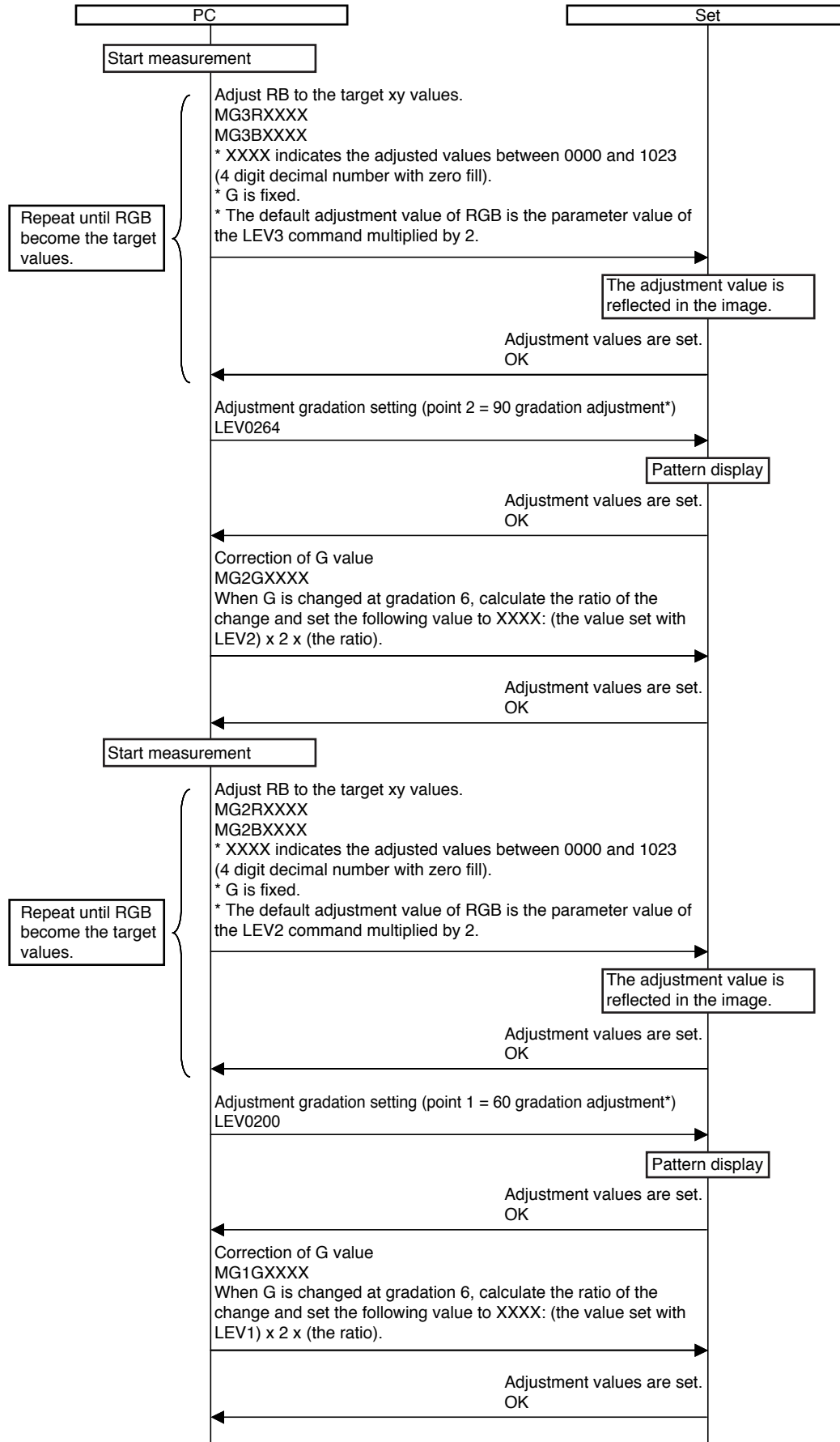
	Adjustment item	Adjustment conditions	Adjustment procedure
1	HDMI EDID writing	1	1. With a checker, write HDMI EDID to IC1501, IC1502 (EEPROM) mounted on the MAIN PWB. TL1508, 1510: I2C CLK, TL1509, 1511: I2C DATA TL1512, 1513: Power5V, TL1518, 1519: GND TL1534, 1535: Write protection (Low) 2. Write date before the HDMI inspection is performed by the checker. (Otherwise, HDMI will not function.)

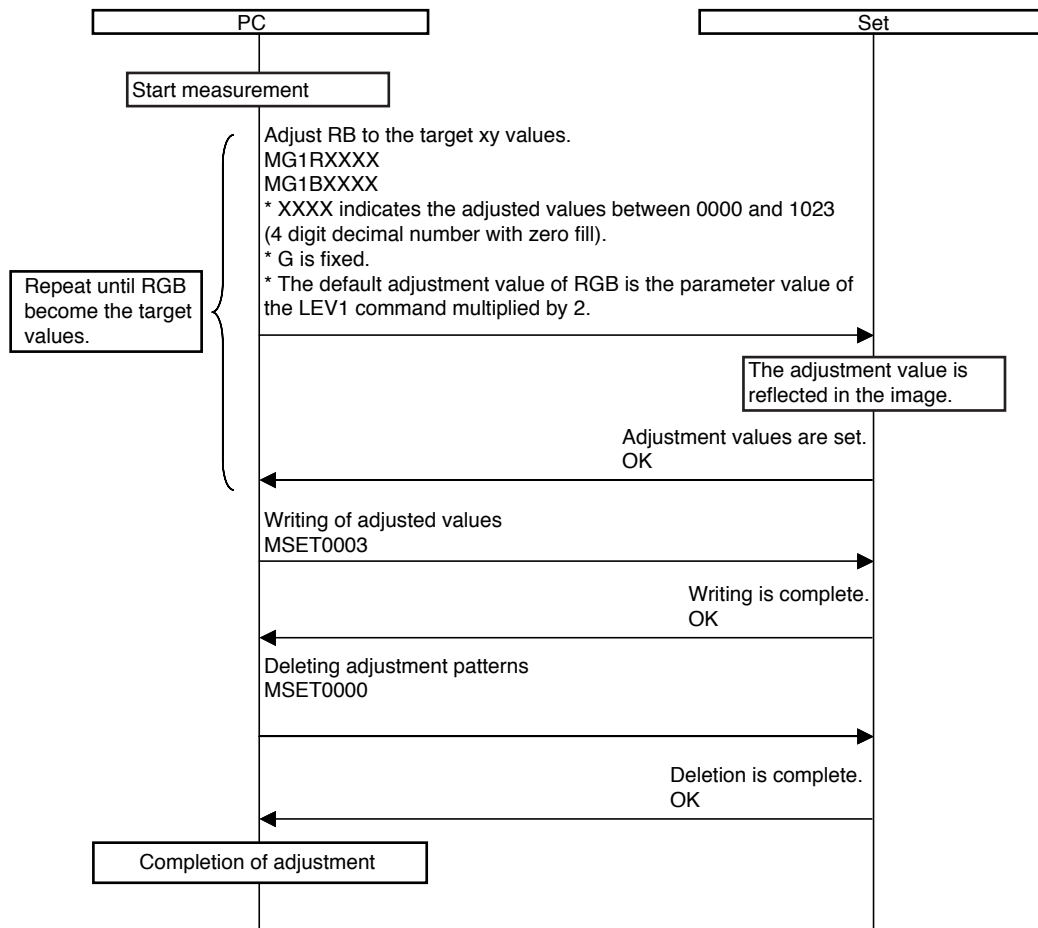
(2) Adjustment sequence (adjustment according to the G adjustment value of gradation 6)

* Make sure the adjusting point gradations are correct since they are different for each model.









2-7. Initialization to factory settings

After the shipping setting, pull off the AC cord.

Note: Never turn on the power after the shipping setting. If power is turned on, perform the shipping setting again.

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Initialization	It turns off with AC power supply.	<p>Place the cursor on the [INDUSTRY INIT] row, set "ON" with [+] or [-] of the [VOL] key, and press the [ENT] key. Version confirmation screen appears. [SUCCESS] on a green line indicates that the setting is successfully completed. (In case of an error, [ERROR] and an error code appear on a red line.) Turn off the AC power.</p> <ol style="list-style-type: none"> 1. User setting 2. Channel data (e.g. broadcast frequencies) 3. Password data 4. Operation time 5. Auto installation flag 6. V-CHIP block setting

2-8. Menu list in process A mode

Page	Line	Item	
1	1	Main Verison	Main microcomputer software version
	2	BOOT version	
	3	Monitor Version	Monitor microcomputer software version
	4	EQ DATA CHECKSUM	Sound parameter checksum
	5	TEMPERATURE	Read value of temperature sensor
	6	LAMP ERROR	Number of lamp error
	7	NORMAL STANDBY CAUSE	Reasons of standby at normal time
	8	ERROR STANDBY CAUSE	Reasons of standby in the event of error
2	1	INDUSTRY INIT(+Cause)	Initialization to factory settings (including clearing Standby Cause data)
	2	INDUSTRY INIT	Initialization to factory settings
	3	HOTELMODE	Activate/deactivate the hotel mode
	4	Center Acutime	Main microcomputer operating time
	5	RESET	Reset main microcomputer operating time
	6	Backlight Acutime	Backlight lighting time
	7	RESET	Reset backlight lighting time
	8	LAMP ERROR RESET	Lamperror reset
	9	VIC XPOS	x-coordinate for reading image data
	10	VIC YPOS	y-coordinate for reading image data
	11	VIC COLOR	Specification of color for reading image data
	12	VIC SIGNAL TYPE	Specification of signal for reading image data
	13	VIC READ	On/Off of image data read operation
3	1	N358 ALL ADJ	Auto adjustment of NTSC and TUNER signals
	2	N358 MAIN ADJ	Auto adjustment of NTSC signal
	3	TUNER DAC ADJ	Auto adjustment of TUNER
	4	N358 MAIN CONTRAST	NTSC contrast adjustment
	5	TUNER A DAC	TUNER DAC adjustment
4	1	TUNER VCHIP TEST(69CH)	Execute TUNER TEST
	2	TUNER VCHIP TEST(7CH)	
	3	TUNER VCHIP TEST(10CH)	
	4	TUNER VCHIP TEST(15CH)	
5	1	COMP15K MAIN ADJ	Auto adjustment of component 15k
	2	COMP15K CONTRAST	Component 15k contrast adjustment
6	1	HDTV ADJ	HDTV auto adjustment
	2	CONTRAST	HDTV contrast adjustment
	3	Cb GAIN	HDTV CB gain adjustment
	4	Cr GAIN	HDTV CR gain adjustment
	5	HDTV Y OFFSET	HDTV Y offset adjustment
	6	HDTV Cb OFFSET	HDTV CB offset adjustment
	7	HDTV Cr OFFSET	HDTV CR offset adjustment

Page	Line	Item	
7	1	MONITOR GAMMA IN 1	White balance adjustment IN-Point1
	2	MONITOR GAMMA IN 2	White balance adjustment IN-Point2
	3	MONITOR GAMMA IN 3	White balance adjustment IN-Point3
	4	MONITOR GAMMA IN 4	White balance adjustment IN-Point4
	5	MONITOR GAMMA IN 5	White balance adjustment IN-Point5
	6	MONITOR GAMMA IN 6	White balance adjustment IN-Point6
	7	GAMMA WRITE	Write adjustment values
	8	GAMMA RESET	Reset adjustment values
8	1	MONITOR GAMMA R 1	White balance adjustment OUT R-Point1
	2	MONITOR GAMMA G 1	White balance adjustment OUT G-Point1
	3	MONITOR GAMMA B 1	White balance adjustment OUT B-Point1
	4	MONITOR GAMMA R 2	White balance adjustment OUT R-Point2
	5	MONITOR GAMMA G 2	White balance adjustment OUT G-Point2
	6	MONITOR GAMMA B 2	White balance adjustment OUT B-Point2
	7	MONITOR GAMMA R 3	White balance adjustment OUT R-Point3
	8	MONITOR GAMMA G 3	White balance adjustment OUT G-Point3
	9	MONITOR GAMMA B 3	White balance adjustment OUT B-Point3
	10	GAMMA WRITE	Write adjustment values
	11	GAMMA RESET	Reset adjustment values
9	1	MONITOR GAMMA R 4	White balance adjustment OUT R-Point4
	2	MONITOR GAMMA G 4	White balance adjustment OUT G-Point4
	3	MONITOR GAMMA B 4	White balance adjustment OUT B-Point4
	4	MONITOR GAMMA R 5	White balance adjustment OUT R-Point5
	5	MONITOR GAMMA G 5	White balance adjustment OUT G-Point5
	6	MONITOR GAMMA B 5	White balance adjustment OUT B-Point5
	7	MONITOR GAMMA R 6	White balance adjustment OUT R-Point6
	8	MONITOR GAMMA G 6	White balance adjustment OUT G-Point6
	9	MONITOR GAMMA B 6	White balance adjustment OUT B-Point6
	10	GAMMA WRITE	Write adjustment values
	11	GAMMA RESET	Reset adjustment values
10	1	AUDIO SELECT	Select sound parameter data (ROM/EEP)
	2	INPUT_TRIM_SP	
	3	INPUT_TRIM_HP	
	4	CLIPPER_LEVEL	
	5	ANGLE	
	6	MASTER_VOLUME	
	7	SCART_PRESCALE	
	8	FM_AM_PRESCALE	
	9	I2S1_PRESCALE	
	10	SCART1_VOLUME	
	11	SCART1_VOLUME	
11	1	AIN1_ADC_VOLUME	

Page	Line	Item	
	2	AIN2_ADC_VOLUME	
	3	AIN3_ADC_VOLUME	
	4	AIN4_ADC_VOLUME	
	5	AIN5_ADC_VOLUME	
	6	AIN6_ADC_VOLUME	
12	1	SUB_VOLUME_SURROUND	
	2	SUB_VOLUME_FLAT	
	3	SUB_VOLUME_EQ	
	4	SUB_VOLUME_HP	
	5	SUB_VOLUME_HP_CENTERSP	
	6	SUB_VOLUME_CENTERSP_EQ	
	7	SUB_VOLUME_CENTERSP_FLAT	
	8	BBE_HF_ADJUST	
	9	BBE_LEVEL	
	10	BBE_MACH3_FO	
	11	BBE_MACH3_Q	
	12	BBE_MACH3_GAIN	
13	1	EQ_MODE	
	2	PEQ1_FO	
	3	PEQ1_Q	
	4	PEQ1_GAIN	
	5	PEQ2_FO	
	6	PEQ2_Q	
	7	PEQ2_GAIN	
	8	PEQ3_FO	
	9	PEQ3_Q	
	10	PEQ3_GAIN	
	11	PEQ4_FO	
	12	PEQ4_Q	
	13	PEQ4_GAIN	
14	1	PEQ5_FO	
	2	PEQ5_Q	
	3	PEQ5_GAIN	
	4	EALA_GAIN	
15	1	BRIGHTNESS DA0	
	2	BRIGHTNESS DA1	
	3	BRIGHTNESS DA2	
	4	BRIGHTNESS DA3	
	5	BRIGHTNESS DA4	
	6	BRIGHTNESS DA5	
	7	BRIGHTNESS DA6	
	8	BRIGHTNESS DA7	
	9	BRIGHTNESS DA8	

Page	Line	Item	
15	10	BRIGHTNESS DA9	
	11	BRIGHTNESS DA10	
	12	BRIGHTNESS DA11	
16	1	BRIGHTNESS DA12	
	2	BRIGHTNESS DA13	
	3	BRIGHTNESS DA14	
	4	BRIGHTNESS DA15	
	5	BRIGHTNESS DA16	
	6	BRIGHTNESS DA17	
	7	BRIGHTNESS DA18	
	8	BRIGHTNESS DA19	
	9	BRIGHTNESS DA20	
	10	BRIGHTNESS DA21	
	11	BRIGHTNESS DA22	
17	1	BRIGHTNESS DA23	
	2	BRIGHTNESS DA24	
	3	BRIGHTNESS DA25	
	4	BRIGHTNESS DA26	
	5	BRIGHTNESS DA27	
	6	BRIGHTNESS DA28	
	7	BRIGHTNESS DA29	
	8	BRIGHTNESS DA30	
	9	BRIGHTNESS DA31	
	10	BRIGHTNESS DA32	
18	1	OPC33 ADLEVEL0	
	2	OPC33 ADLEVEL1	
	3	OPC33 ADLEVEL2	
	4	OPC33 ADLEVEL3	
	5	OPC33 ADLEVEL4	
	6	OPC33 ADLEVEL5	
	7	OPC33 ADLEVEL6	
	8	OPC33 ADLEVEL7	
	9	OPC33 ADLEVEL8	
	10	OPC33 ADLEVEL9	
	11	OPC33 ADLEVEL10	
	12	OPC33 ADLEVEL11	
19	1	OPC33 ADLEVEL12	
	2	OPC33 ADLEVEL13	
	3	OPC33 ADLEVEL14	
	4	OPC33 ADLEVEL15	
	5	OPC33 ADLEVEL16	
	6	OPC33 ADLEVEL17	

Page	Line	Item	
19	7	OPC33 ADLEVEL18	
	8	OPC33 ADLEVEL19	
	9	OPC33 ADLEVEL20	
	10	OPC33 ADLEVEL21	
	11	OPC33 ADLEVEL22	
20	1	OPC33 ADLEVEL23	
	2	OPC33 ADLEVEL24	
	3	OPC33 ADLEVEL25	
	4	OPC33 ADLEVEL26	
	5	OPC33 ADLEVEL27	
	6	OPC33 ADLEVEL28	
	7	OPC33 ADLEVEL29	
	8	OPC33 ADLEVEL30	
	9	OPC33 ADLEVEL31	
21	1	V6 OS THERMO 1	
	2	V6 OS THERMO 2	
	3	V6 OS THERMO 3	
	4	V6 OS THERMO 4	
	5	V6 OS THERMO 5	
	6	V6 OS THERMO 6	
	7	V6 OS THERMO 7	
22	1	V5 OS THERMO 1	
	2	V5 OS THERMO 2	
	3	V5 OS THERMO 3	
	4	V5 OS THERMO 4	
	5	V5 OS THERMO 5	
	6	V5 OS THERMO 6	
	7	V5 OS THERMO 7	
23	1	MONITOR TIME OUT	
	2	MONITOR MAX TEMP	
	3	MONITOR STANDBY CAUSE	
24	1	LCD TEST PATTERN	
25	1	KEY LOCK (1217)	
	2	KOUTEI AREA ALL CLEAR	
	3	A MODE AREA CLEAR	
	4	BACKUP AREA CLEAR	
	5	B MODE AREA CLEAR	
	6	EXECUTION	
26	1	EEP SAVE	
	2	EEP RECOVER	
	3	STANDBY CAUSE RESET	

2-9. Code list for Standby Cause

Code	Indication	Description
1	RC_STNBY	/* Standby set by remote control */
2	E_CCKMVT	/* Abnormal voltage of CCKM line detected */
5	OUT_OF_R	"/* While a PC display is on, unspecified input continued long time. */"
6	NO_OPERT	/* Off caused by no operation */
7	NO_SIGNA	/* Off caused by no signal */
8	PC_MODE1	/* Set by the PC power management mode 1 */
9	PC_MODE2	/* Set by the PC power management mode 2 */
A	SLEEP_TM	/* Set by off timer */
B	E_NOMONI	/* Incompatible monitor is connected to the AVC center. */
C	OFF_232C	/* Set by the command from RS232C */
E	AVC_TACT	/* Set by the front switch at the AVC center */
F	BSBOOKED	/* The pre-set time has passed since TV was turned on from standby by the BS timer. */
10	E_AVCFAN	/* Fan failure at the AVC center */
11	E_BSSUBM	/* Communication failure with the BS sub microcomputer (Not used) */
12	E_CVICIC	/* CVIC failure */
13	E_AVCTMP	/* Abnormal temperature at the AVC center */
14	E_1BITAU	/* 1Bit-AMP failure */
15	E_MONIPW	/* Monitor main power failure detected */
16	E_MONITR	/* Monitor problem detected */
17	E_FNLOCK	/* Fan lock for North America */
40		/* Failure in Digital Standby */

TROUBLESHOOTING TABLE

<Power supply for LC-37D40U>

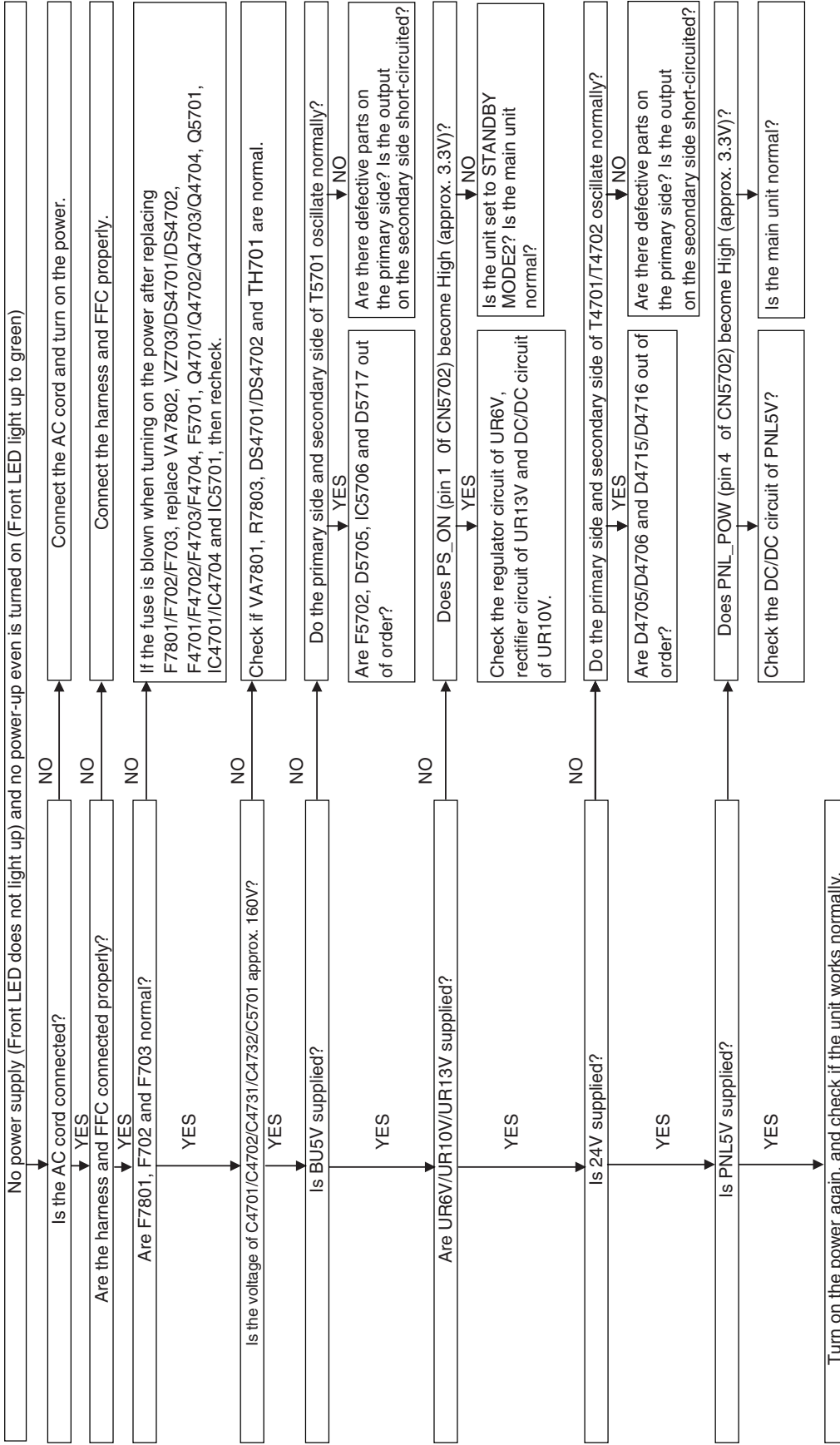
No power supply (Front LED does not light up) and no power-up even is turned on (Front LED light up to green)	
Is the AC cord connected?	NO Connect the AC cord and turn on the power.
Are the harness and FFC connected properly?	NO Connect the harness and FFC properly.
Are F701 normal?	NO If the fuse is blown when turning on the power after replacing F701, replace VZ701, DS4701, F4701/F4702, F5701, Q4701/Q4702, Q5701, IC4701 and IC5701, then recheck.
Is the voltage of C4701/C4702/C4703 approx. 160V?	NO Check if VZ701, R701, R702, R703 and DS4701 are normal.
Is BU5V supplied?	NO Do the primary side and secondary side of T5701 oscillate normally? YES Are F5702, D5705, IC5706 and D5717 out of order? Are there defective parts on the primary side? Is the output on the secondary side short-circuited?
Are UR6V/UR10V/UR13V supplied?	NO Does PS_ON (pin 1 of CN5702) become High (approx. 3.3V)? YES Check the regulator circuit of UR6V, rectifier circuit of UR13V and DC/DC circuit of UR10V. Is the unit set to STANDBY MODE2? Is the main unit normal?
Is 24V supplied?	NO Do the primary side and secondary side of T4701 oscillate normally? YES Are D4705/D4706 out of order? Are there defective parts on the primary side? Is the output on the secondary side short-circuited?
Is PNL5V supplied?	NO Does PNL_POW (pin 4 of CN5702) become High (approx. 3.3V)? YES Check the DC/DC circuit of PNL5V? Is the main unit normal?
Turn on the power again, and check if the unit works normally.	

Remarks

State of the set	PS_ON (CN5702①)	PNL_POW (CN5702④)	BU5V (CN5702⑤)	UR6V (CN5701①)	UR10V (CN5701⑦)	UR13V (CN5701⑩)	PNL5V (CN5701③)	24V (CN5703①)
	MODE1 MODE2	High Low	5V 5V	6V -	10V -	13V -	5V -	24V -
Power ON	High	High	5V	6V	10V	13V	5V	24V

<AC IN & Power supply for LC-45D40U>

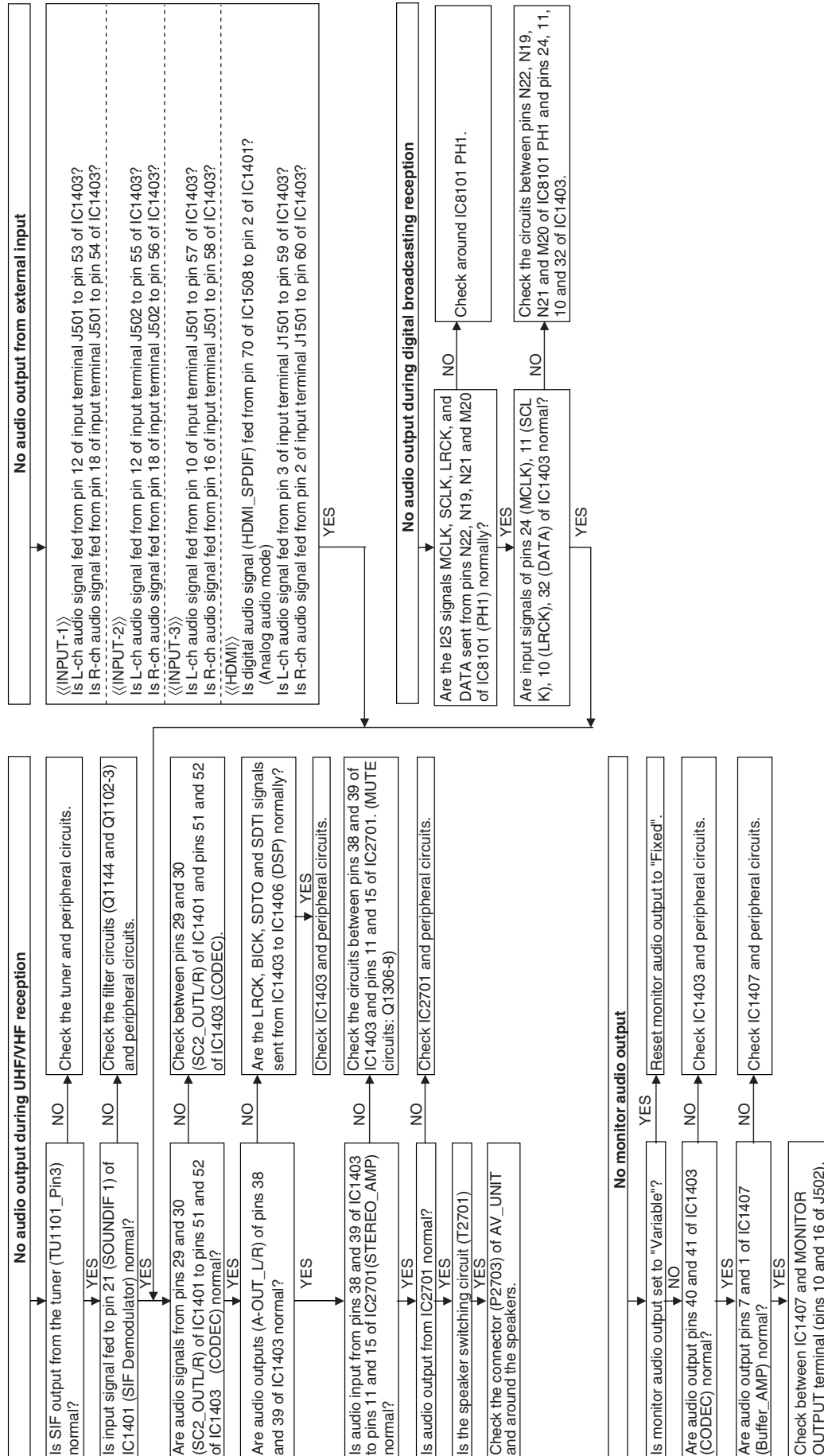
LC-37D40U
LC-45D40U



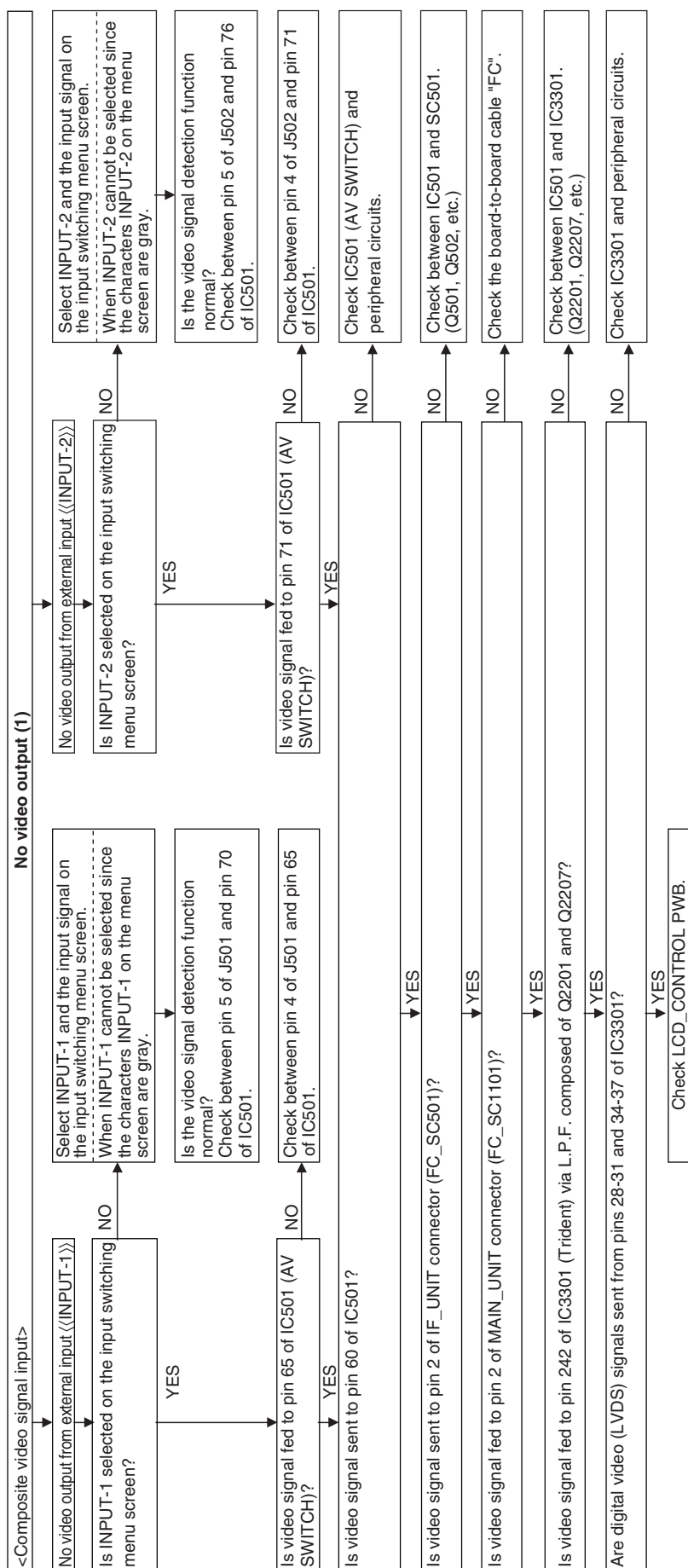
Remarks

State of the set	MODE1 MODE2 Power ON	PS_ON (CN5702 ①)	PNL_POWER (CN5702 ④)	BU5V (CN5702 ⑤)	UR6V (CN5701 ①)	UR10V (CN5701 ⑦)	UR13V (CN5701 ⑩)	PNL5V (CN5701 ③)	24V-a (CN5703 ③)	24V-b (CN5703 ⑥)
		High	High	5V	6V	10V	13V	5V	24V	24V
		Low	Low	5V	-	-	-	-	-	-
		High	High	5V	6V	10V	13V	5V	24V	24V

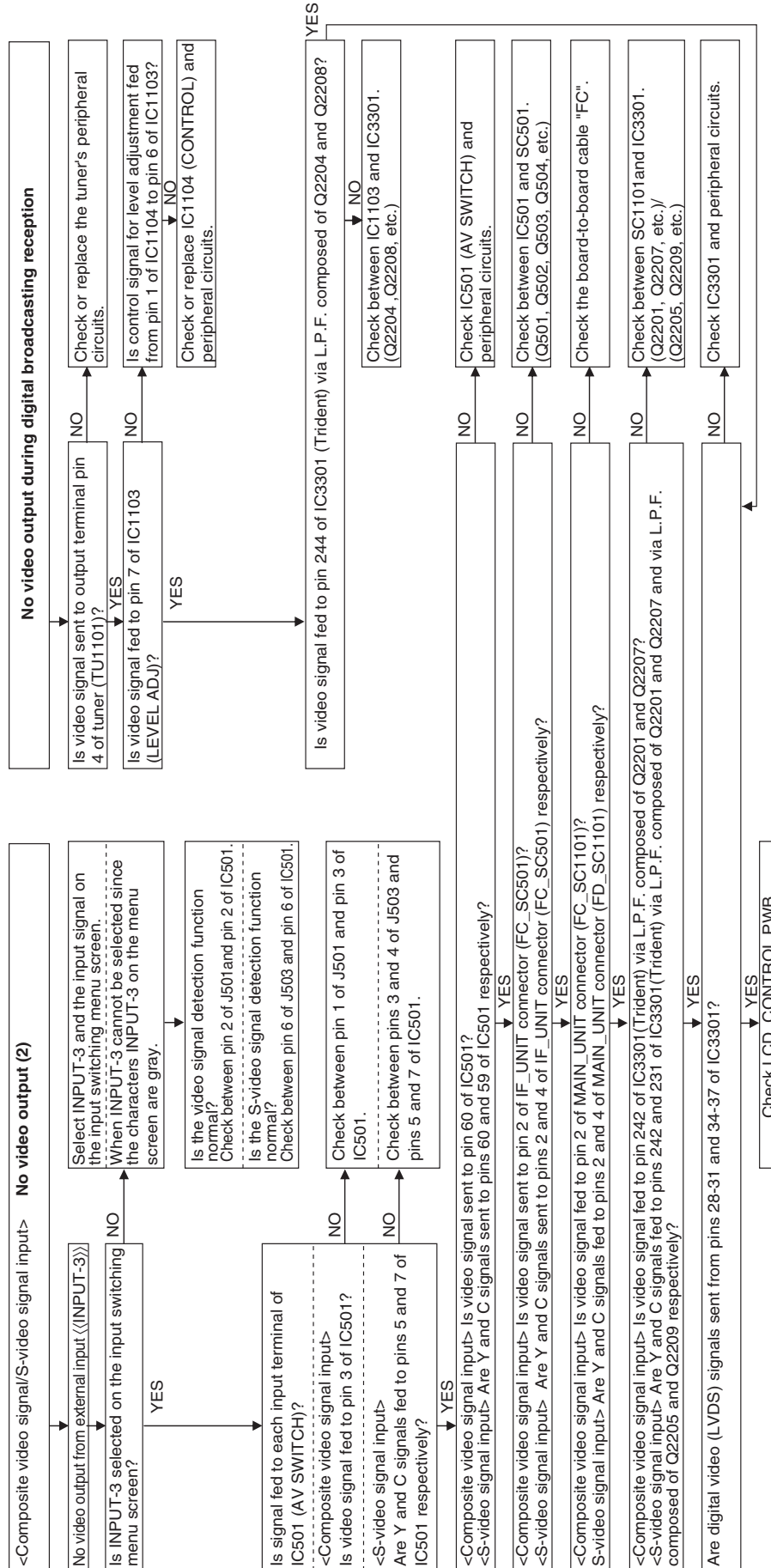
TROUBLESHOOTING TABLE (Continued)



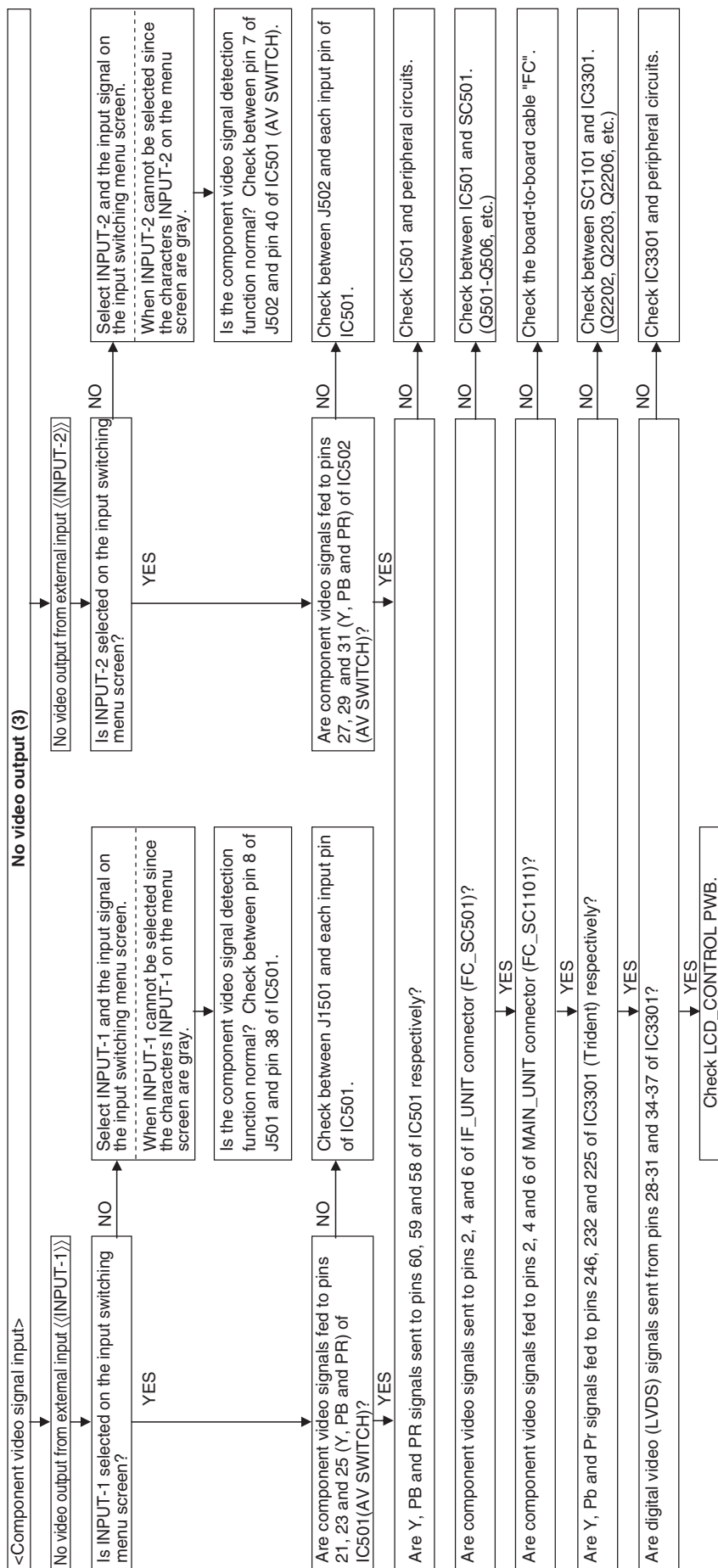
TROUBLESHOOTING TABLE (Continued)



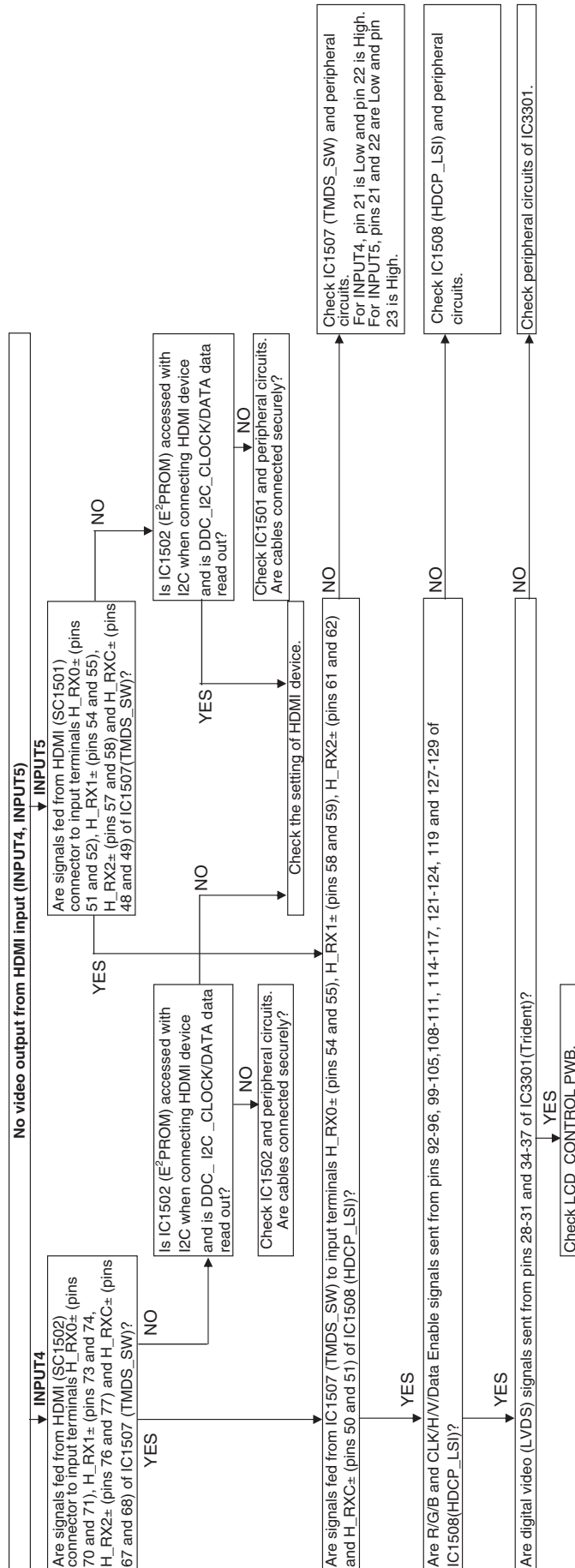
TROUBLESHOOTING TABLE (Continued)



TROUBLESHOOTING TABLE (Continued)



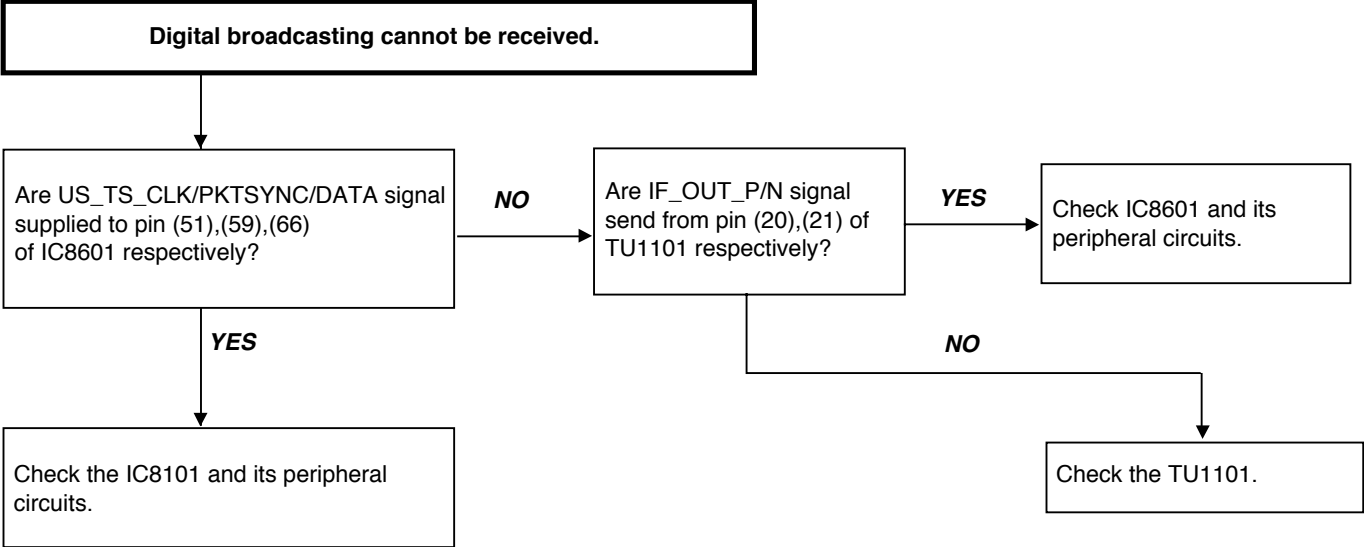
TROUBLESHOOTING TABLE (Continued)



When using an old HDMI transmission device, some video formats cannot be selected or no sound is heard. Since this model conforms to the latest HDMI standard, the HDMI transmission device does not recognize the data of the latest version correctly. It is necessary to upgrade its firmware. Download the latest firmware from the website of each manufacturer, or contact the customer service center of each manufacturer.

TROUBLESHOOTING TABLE (Continued)

[FRONT-END SECTION]



TROUBLESHOOTING TABLE (Continued)

LED flashing timing chart for error notification



1) Red power LED		Power green LED operation (1 cycle)	Remarks
Error type		H: On L: Off	Pins are monitor microprocessor pins. L_FL_ERR (pin 73): Abnormal L. Confirmed after 5 consecutive detections at 1 second intervals (detected only when the backlight is on). Note that after five detection counts, the lamp cannot be activated except in the monitoring process. (For the first time, only the inverter is reset, and error OFF is not activated) Accumulated counts are cleared to 0 when the corresponding setting in the process A is made, when the power is turned on with [CH_DOWN] and [VOL_UP] on the unit down or after continuous illumination for 3 minutes. Refer to "Power failure details".
Lamp failure Flashes once: Fast		H: On L: Off	
Power failure Flashes twice		H: On L: Off	
communication failure with main CPU Flashes 3 times		H: On L: Off	Refer to "Communication failure details". Communication line failure or main CPU communication failure → Check debug statements for the main CPU.
Vsync Trident failure Flashes 4 times		H: On L: Off	VSYNC (pin 48) failure (uninput). Trident_IC operation failure.
Monitor temperature failure Flashes 5 times		H: On L: Off	Detected during operation (interruption) If the panel temperature is 60°C or more for 15 seconds or more in a row, CAUTION appears on the OSD of AVC (flashes in red in the lower right screen). If the panel temperature is 60°C or more for 25 seconds or more in a row, error standby is activated. (MONITOR MAX_TEMP on process A mode: Change of temperature failure AD value): Thermistor
2) Power failure details (Power LED flashes twice and OPC LED flashes)		Opac green LED operation (1 cycle)	Remarks
Error type		H: On L: Off	Pins are monitor microprocessor pins unless otherwise specified.
PS_ON 13V/UR10V failure Flashes once		H: On L: Off	AC_DET (pin 31): Abnormal (L). DET_10V (pin 63): Main converter 13V/UR10V is not applied.
EU_POW Main 3.3V failure Flashes twice		H: On L: Off	If error is detected during operation, the power is turned on again by interrupt handling (instantaneous blackout processing). DET_3V3 (pin 64): Abnormal (L). Main power 3.3V is not applied.
D_POW UR6V failure Flashes 3 times		H: On L: Off	If error is detected during operation, error standby is activated by polling. DET_6V (pin 27): Abnormal (L). UR6V is not applied.
D_POW Digital 3.3V failure Flashes 4 times		H: On L: Off	If error is detected during operation, error standby is activated by polling. DET_D3V3 (pin 62): Abnormal (L). Digital 3.3V is not applied.
PANEL_POW Panel 5V failure Flashes 5 times		H: On L: Off	If error is detected during operation, error standby is activated by polling. DET_PNL5V (pin 57): Abnormal (L). Panel power is not applied.
Main failure Flashes 7 times		H: On L: Off	If error is detected during operation, error standby is activated by polling. Main microprocessor detection error (FAN error, 1bitAMP error, etc.) The details are displayed in "ERROR STANDBY CAUSE" on page 1 of process A mode for the main microprocessor.
3) Communication failure details (Power LED flashes 3 times and OPC LED flashe		Opac green LED operation (1 cycle)	Remarks
Error type		H: On L: Off	Basically, communication logs are analyzed by a bus monitor or debug print logs are analyzed.
Initial communication reception failure Flashes once		H: On L: Off	Initial communication from the main CPU is not received. (After cancelling the reset, request for the monitor model No. is not received.) Communication line failure or main CPU start-up failure
Time-out setting reception failu Start-up confirmation reception failure Flashes twice		H: On L: Off	Time-out setting and start-up mode change cannot be received from the main CPU. (Start-up communication until time-out setting and start-up mode change is not received.) Main CPU start-up failure or monitor microprocessor's reception failure
Regular communication failure Flashes 3 times		H: On L: Off	Regular communication that is performed at 1 second intervals in the normal operation is interrupted. Main CPU operation failure or monitor microprocessor's reception failure

MAJOR IC INFORMATIONS

- IC8101 (RH-IXB145WJQZQ)

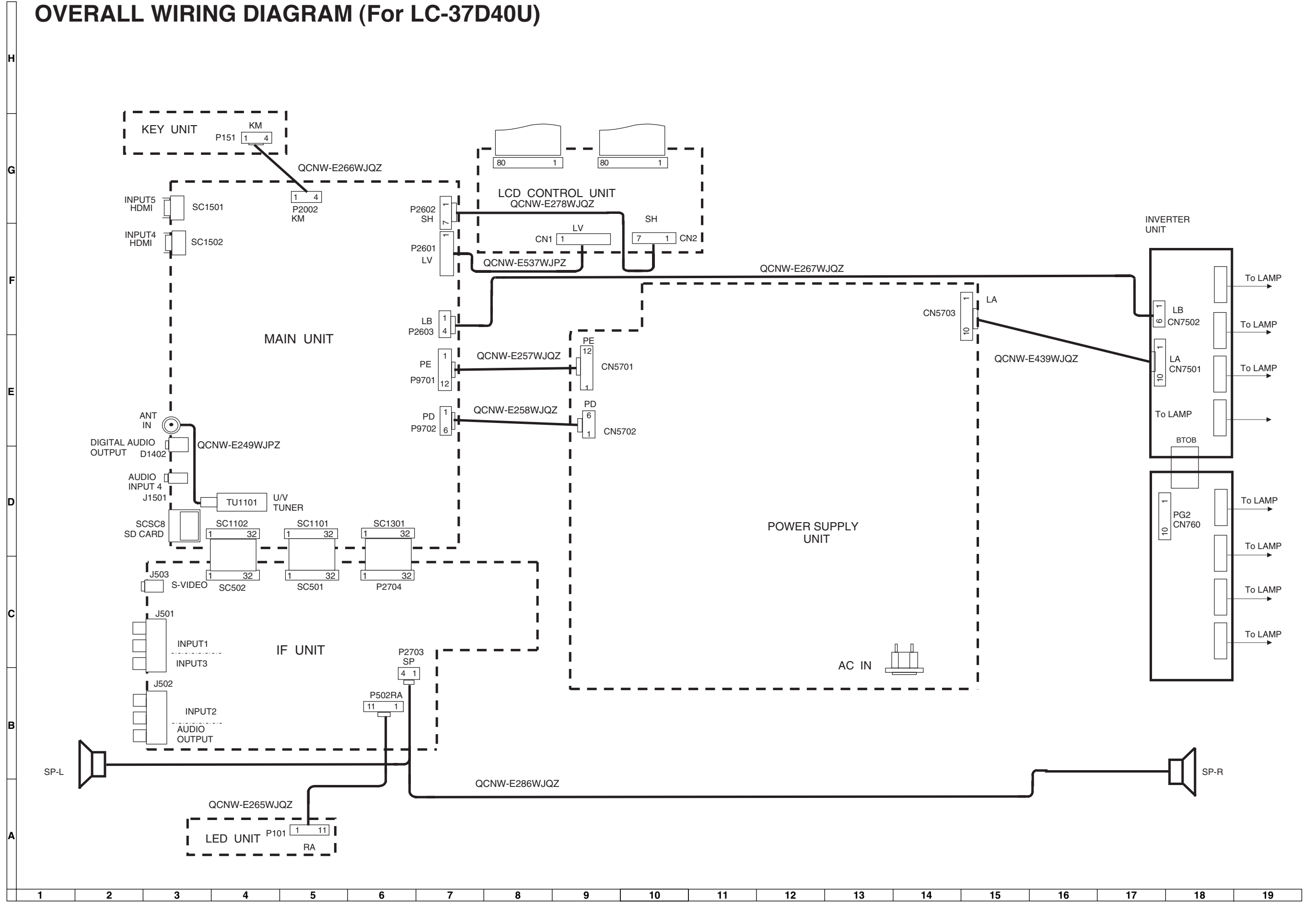
An LSI of a MPEG-2 system decoder that performs back-end processing for digital broadcasting. This is equipped with a CPU (processor core: AM33-3), descrambler (DES), transport stream demultiplexer, video decoder (MPEG-2 MP@HL compatible), graphic processor, audio decoder (AC3 compatible), and an NTSC video encoder.

After receiving transport stream from the tuner, the LSI decrypts pay-TV broadcasts with the descrambler. Then using the demultiplexer, it separates and decodes the compressed audio and video data to send the signals. In the visual system, the graphic processor makes it possible to overlap subtitles and perform scaling. Digital video signals (Y, Pb and Pr, or 480I/P, 720P and 1081I) and downconverted NTSC signals (Y/C and composite, or 480I) can be sent simultaneously. As for the audio system, decoded AC3 audio can be overlapped with sound effects.

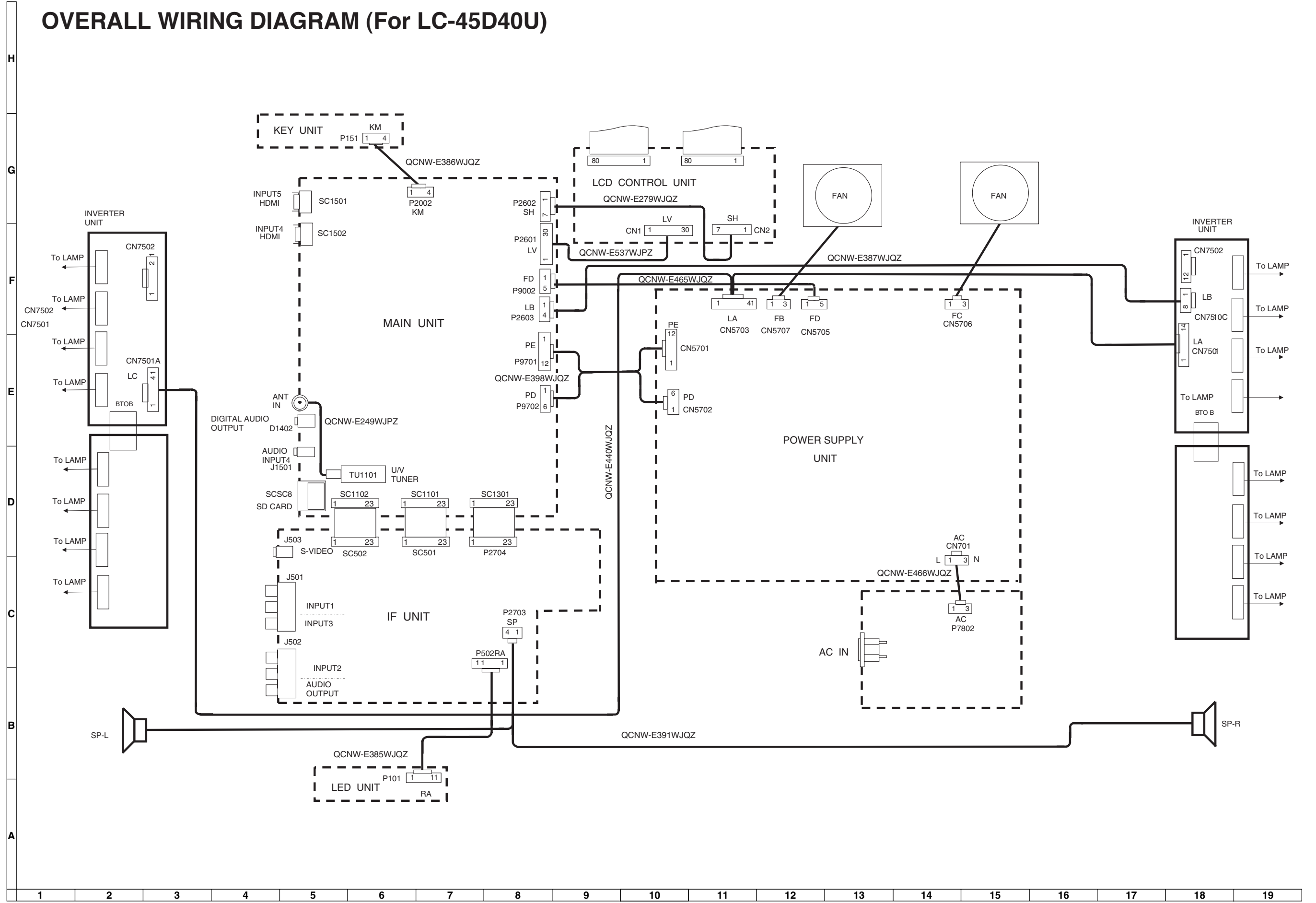
The LSI also contains various interfaces (I2C x 2, UART x 3, an SD Memory Card interface, a CableCARD interface, etc.) and a GPIO. Using these interfaces, the CPU controls peripheral circuits of the tuner, SD Memory Cards, CableCARDS, etc. One of the UARTs is used by the CPU to establish communications with the monitor microcomputer in the unit, where remote control information or other data is exchanged. Another UART is used for RS-232C serial communications to connect the unit to a PC.

[illegible]

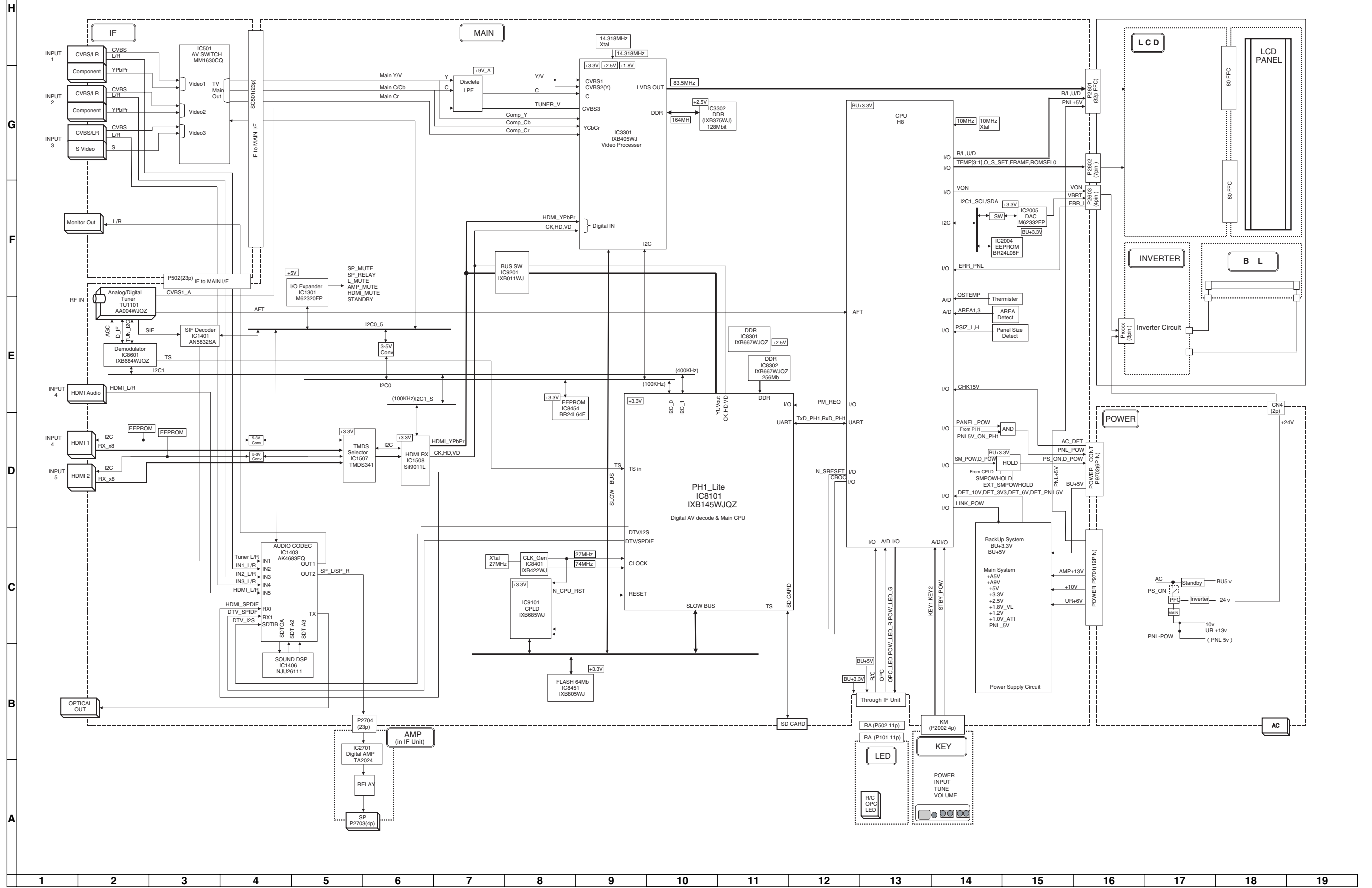
OVERALL WIRING DIAGRAM (For LC-37D40U)



OVERALL WIRING DIAGRAM (For LC-45D40U)

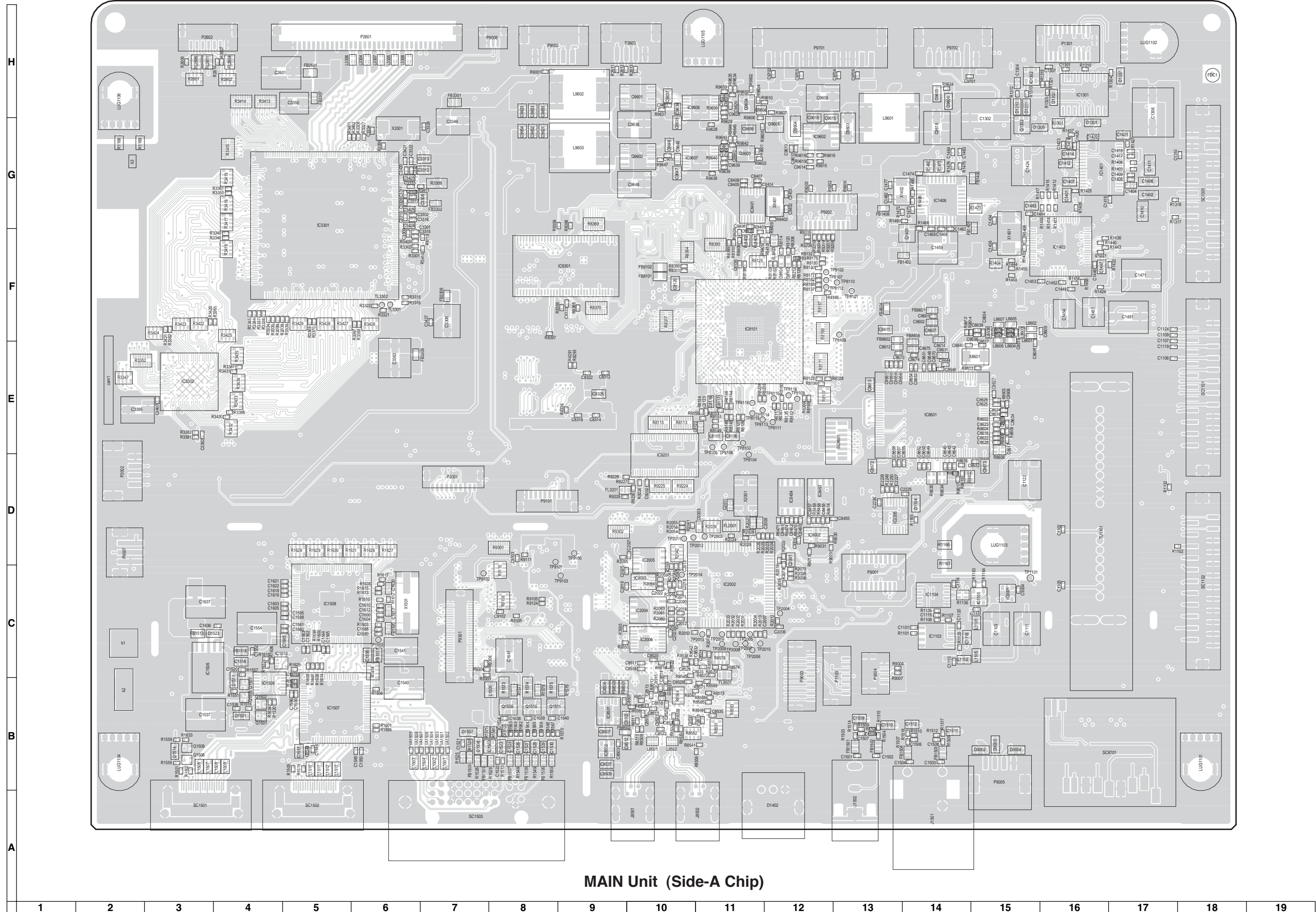


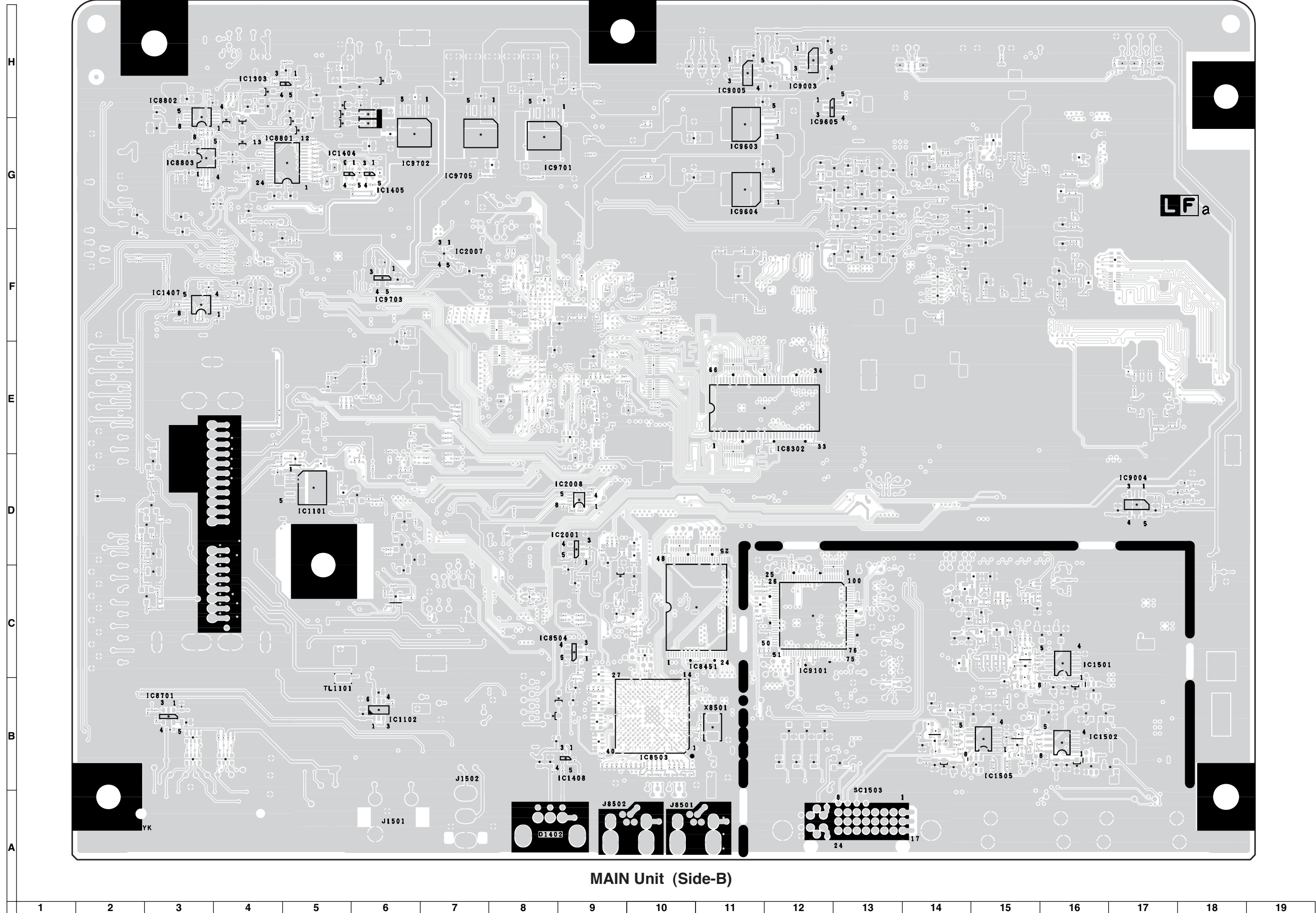
SYSTEM BLOCK DIAGRAM



A	B	C	D	E	F	G	H
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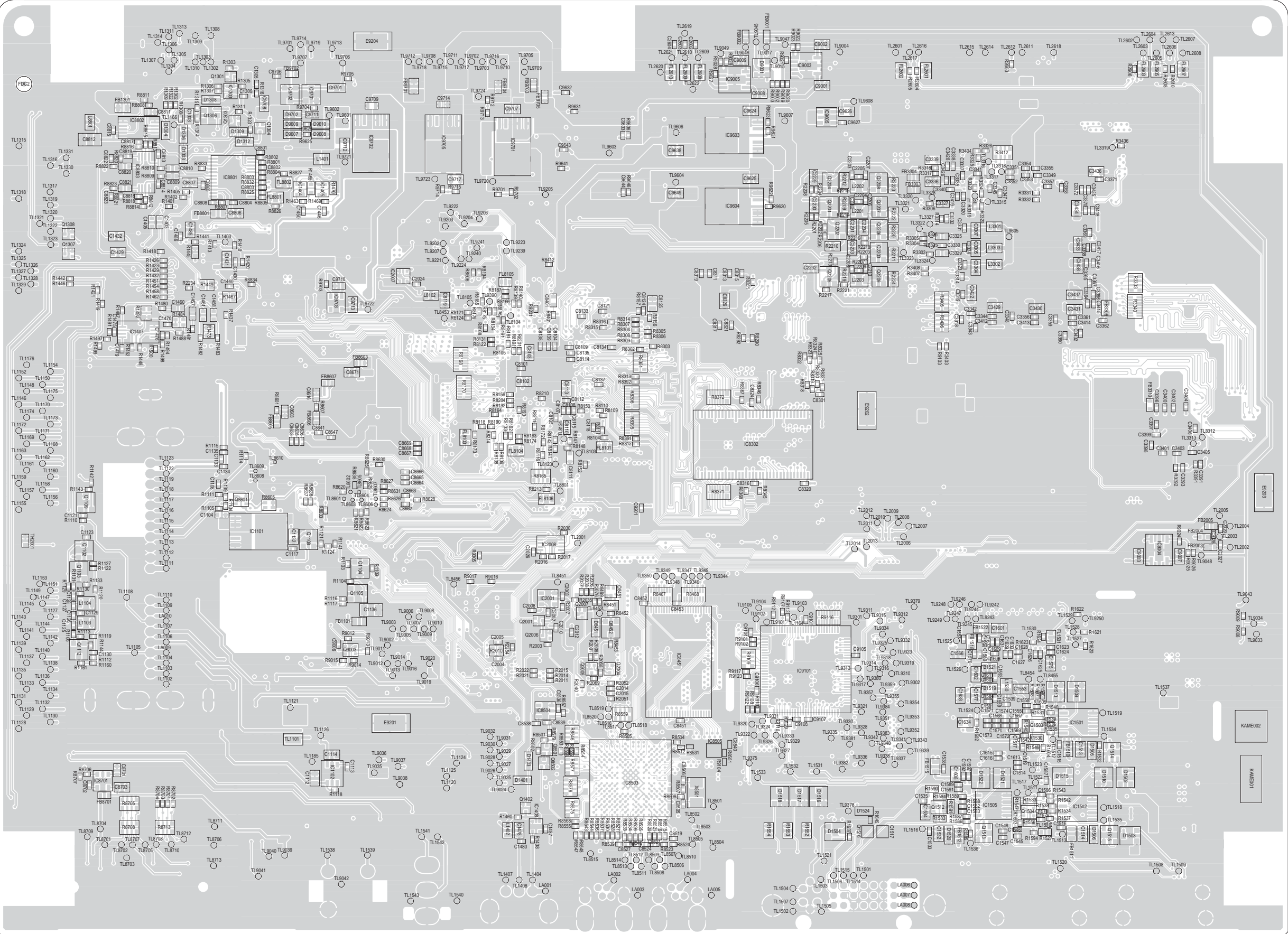






MAIN Unit (Side-B)

A



MAIN Unit (Side-B Chip)

H

G

F

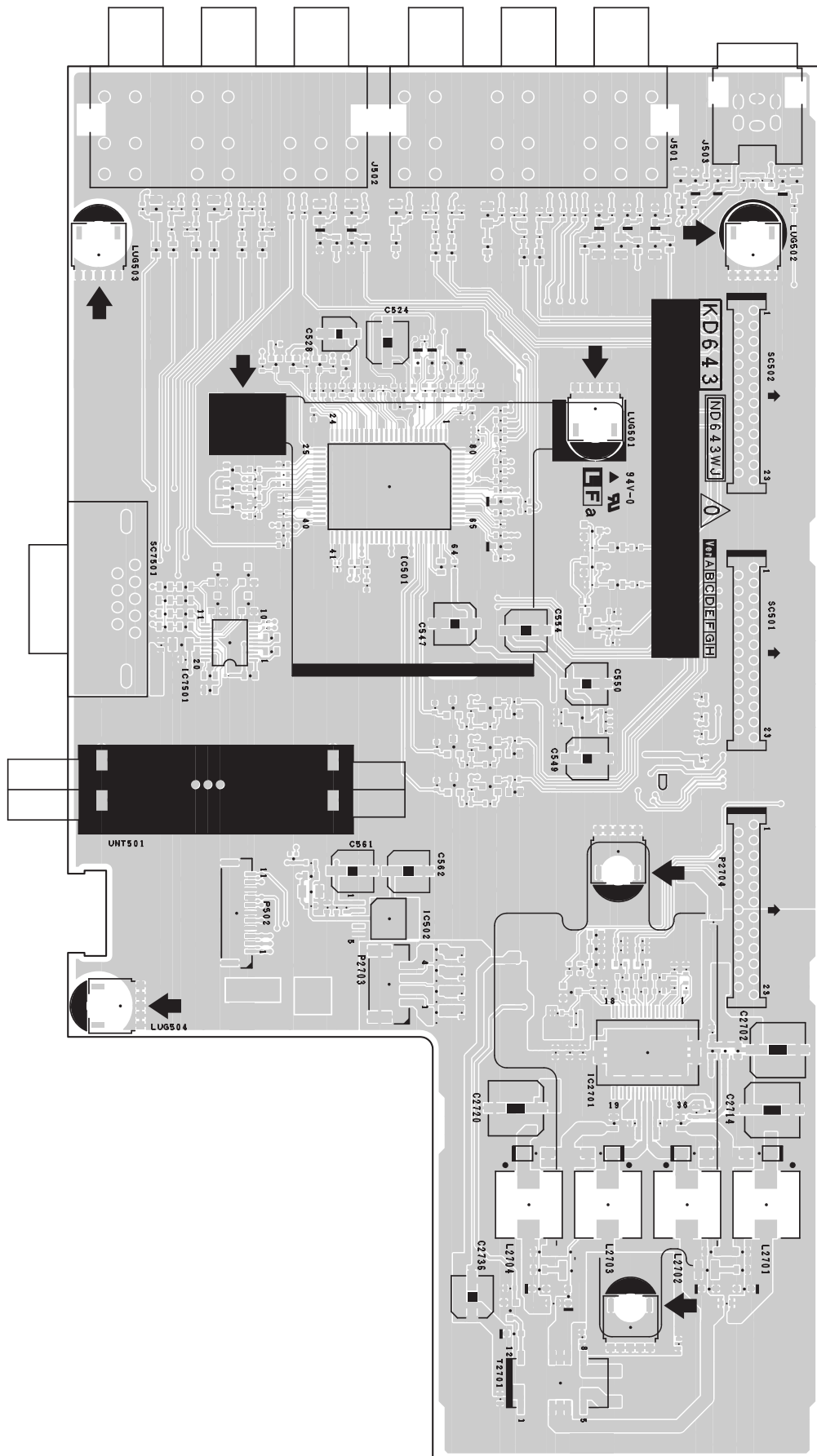
E

D

C

B

A



IF Unit (Side-A)

1

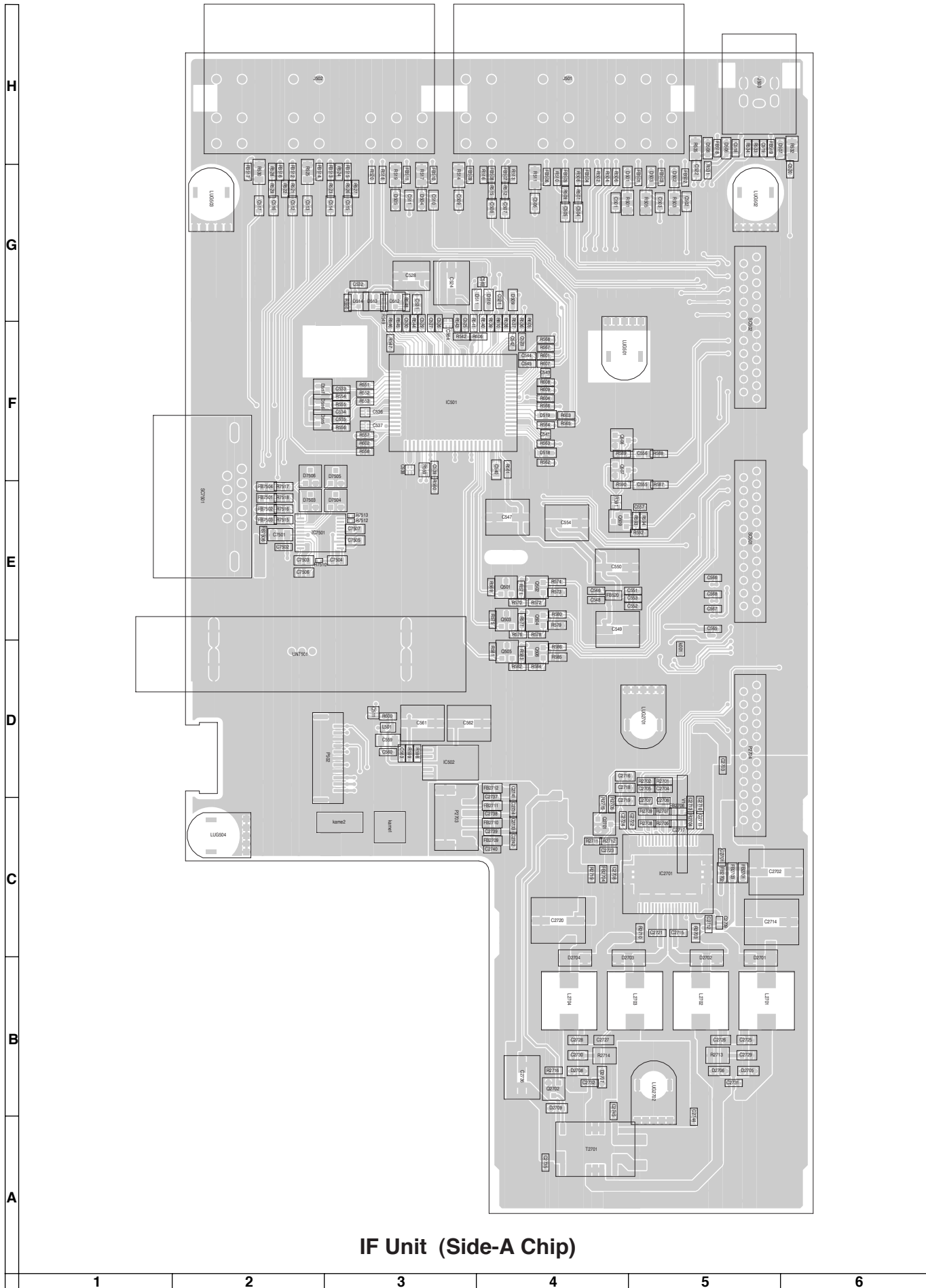
2

3

4

5

6



H

G

F

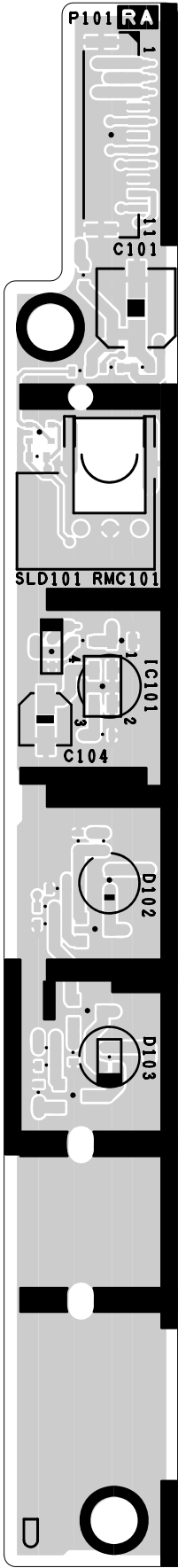
E

D

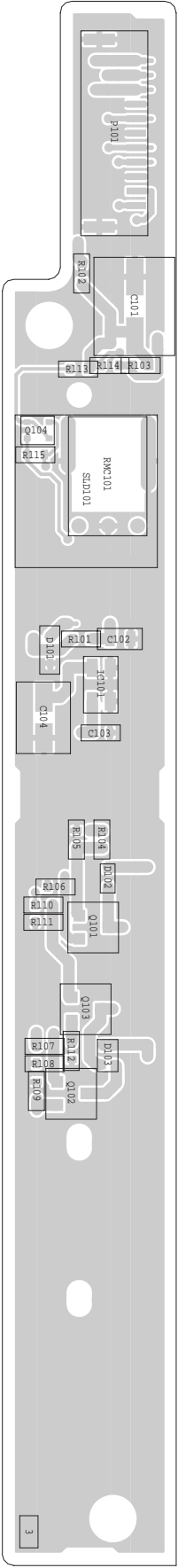
C

B

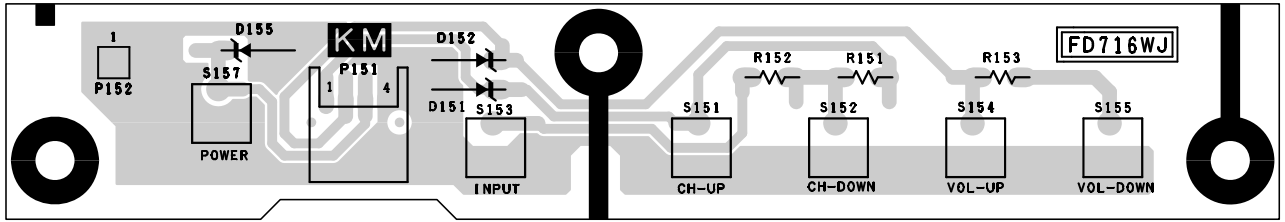
A



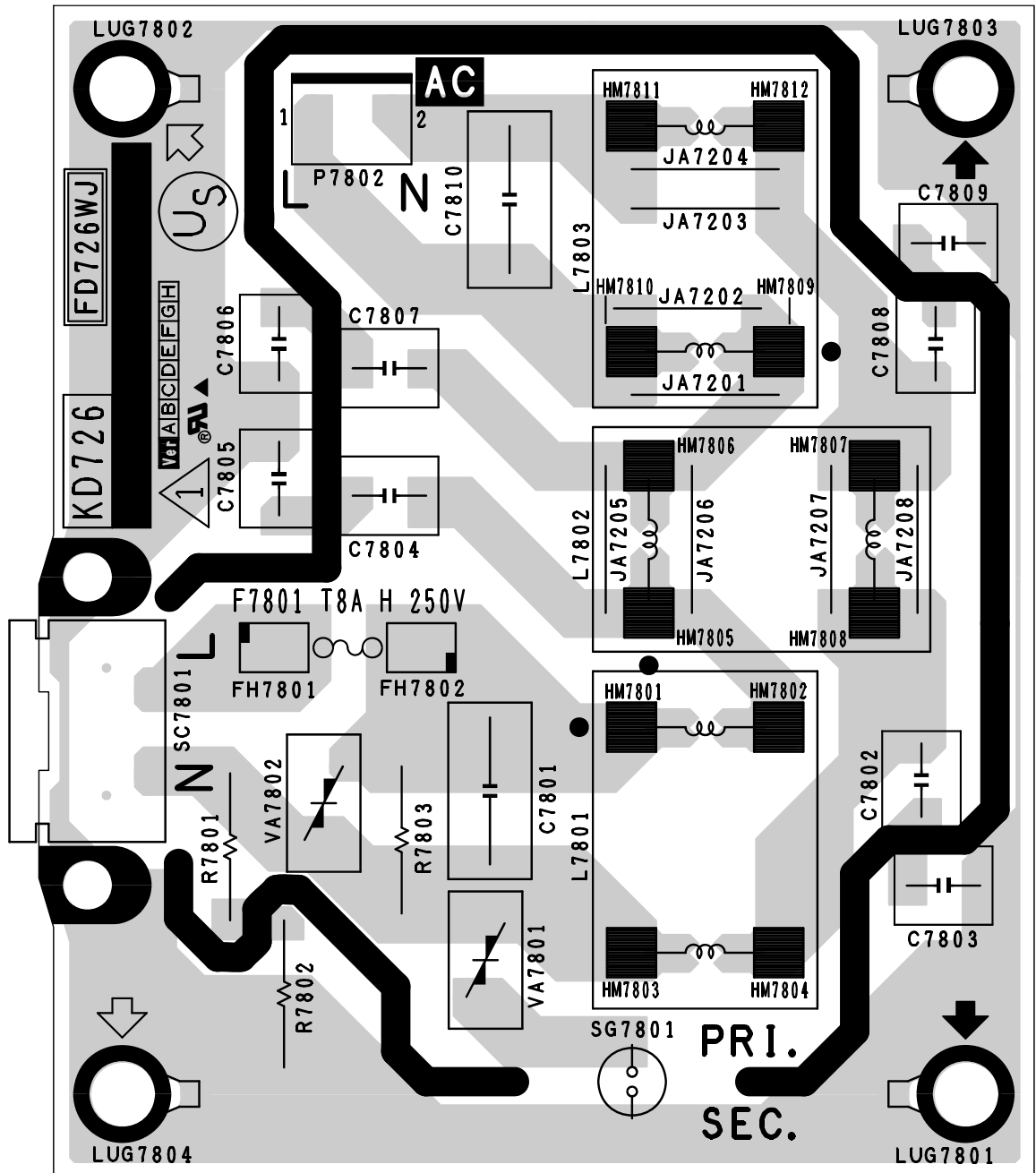
LED Unit (Side-A)



LED Unit (Side-A Chip)



KEY Unit




AC INLET Unit (LC-45D40U Only)

H
G
F
E
D
C
B
A

1 2 3 4 5 6

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by  and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which does not have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |

in **USA**: Contact your nearest SHARP Parts Distributor to order.
For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

Note: The parts on the PWB are listed in alphabetical order.

★ MARK: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code
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PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

(LC-37D40U)

DUNTKD640FM06	-	MAIN Unit	—
DUNTKD641FM06	-	LED Unit	—
DUNTKD643FM06	-	IF Unit	—
DUNTKD716FM06	-	KEY Unit	—
RDENCA161WJQZ	X	POWER SUPPLY Unit	BQ

(LC-45D40U)

DUNTKD640FM07	-	MAIN Unit	—
DUNTKD641FM07	-	LED Unit	—
DUNTKD643FM07	-	IF Unit	—
DUNTKD716FM07	-	KEY Unit	—
DUNTKD726FM07	-	AC INLET Unit	—
RDENCA166WJQZ	X	POWER SUPPLY Unit	BU


LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

R1LK370T3LZ5BY	X	37"WIDE LCD PANEL MODULE Unit	FD
R1LK445T3LZ10	X	45"WIDE LCD PANEL MODULE Unit	GR

ERSATZTEILLISTE

AUSTAUSCH VON TEILEN

Les pièces de rechange qui présentent ces caractéristiques spéciales de sécurité, sont identifiées dans ce manuel : les pièces électriques qui présentent ces particularités, sont repérées par la marque  et sont hachurées dans les listes de pièces et dans les diagrammes schématisés.

La substitution d'une pièce de rechange par une autre qui ne présente pas les mêmes caractéristiques de sécurité, peut provoquer une électrocution, un incendie ou tout autre sinistre.

"COMMENT COMMANDER LES PIÈCES DE RECHANGE"

Pour que votre commande soit rapidement et correctement remplie, veuillez fournir les renseignements suivants.

- | | |
|---------------------|----------------|
| 1. NUMERO DU MODELE | 2. NO. DE REF |
| 3. NO. DE PIECE | 4. DESCRIPTION |

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100

Note: Les pièces sur la PMI sont répertoriées dans l'ordre alphabétique.

★ MARKIERUNG : ERSATZTEILE-LIEFERUNG

Ref. No.	Part No.	★	Description	Code
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DUNTKD640FM06/07 (LC-37/45D40U) MAIN Unit

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

TU1101	RTUDAA004WJQZ	R	Tuner	BD
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C1101	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1102	VCKY CZ1CB103KY	R	0.01	16V	Ceramic	AB
C1103	VCAAPE0JJ107MY	R	100	6.3V	Electrolytic	AE
C1104	RC-KZA104WJZZY	R	1	25V	Ceramic	AA
C1105	VCKY CZ1CB103KY	R	0.01	16V	Ceramic	AB
C1108	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1111	VCAAPE0JJ107MY	R	100	6.3V	Electrolytic	AE
C1115	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1116	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1117	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1118	RC-KZA510WJPZY	R	10	16V	Ceramic	AB
C1120	VCKY CZ1CB103KY	R	0.01	16V	Ceramic	AB
C1121	VCKY CZ1CB103KY	R	0.01	16V	Ceramic	AB
C1122	VCERML1CN476MY	R	47	16V	Capacitor(AL)	AC
C1123	VCKY CZ1CB103KY	R	0.01	16V	Ceramic	AB
C1125	VCKY CZ1HB102KY	R	1000p	50V	Ceramic	AB
C1126	VCKY CZ1HB182KY	R	1800p	50V	Ceramic	AA
C1127	VCKY CZ1HB152KY	R	1500p	50V	Ceramic	AB
C1128	VCKY CZ1CB103KY	R	0.01	16V	Ceramic	AB
C1129	VCKY CZ1EB822KY	R	8200p	25V	Ceramic	AA
C1132	RC-KZA510WJPZY	R	10	16V	Ceramic	AB
C1133	VCKY CZ1HB102KY	R	1000p	50V	Ceramic	AB
C1134	VCKY CZ1HB102KY	R	1000p	50V	Ceramic	AB
C1301	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1302	VCERMZ1CN477MY	R	470	16V	Capacitor(AL)	AE
C1303	RC-KZA067WJZZY	R	4.7	10V	Ceramic	AB
C1304	VCKY CY1AB105KY	R	1	10V	Ceramic	AB
C1305	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1306	VCERMZ1VN227MY	R	220	35V	Capacitor(AL)	AD
C1307	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1308	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1310	VCKY CZ1EF104ZY	R	0.1	25V	Ceramic	AA
C1401	RC-KZ0083TAZZY	R	2.2	50V	Ceramic	AC
C1403	RC-KZA104WJZZY	R	1	25V	Ceramic	AA
C1404	VCKY CY1AB334KY	R	0.33	10V	Ceramic	AB
C1405	RC-KZA104WJZZY	R	1	25V	Ceramic	AA
C1407	RC-KZ0083TAZZY	R	2.2	50V	Ceramic	AC
C1408	VCKY CZ1AB104KY	R	0.1	10V	Ceramic	AB

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)					C1539	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
MAIN Unit (Continued)					C1540	VCAAPE0JJ227MY	R 220	6.3V Electrolytic	AE
C1409	VCKYCYZ1CB223KY	R 0.022	16V Ceramic	AC	C1541	VCAAPE0JJ107MY	R 100	6.3V Electrolytic	AE
C1410	RC-KZA383WJZZY	R 10	50V Ceramic	AC	C1542	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1411	RC-KZA508WJQZY	R 3.3	50V Ceramic	AC	C1543	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1412	RC-KZ0083TAZZY	R 2.2	50V Ceramic	AC	C1544	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1414	RC-KZA067WJZZY	R 4.7	10V Ceramic	AB	C1545	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1416	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB	C1546	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1417	VCKYCYZ1AB104KY	R 0.1	10V Ceramic	AB	C1547	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1418	VCKYCYZ1CB333KY	R 0.033	16V Ceramic	AA	C1548	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1419	VCKYCYZ1CB224KY	R 0.22	16V Ceramic	AB	C1549	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1420	VCKYCYZ1AB104KY	R 0.1	10V Ceramic	AB	C1550	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1421	RC-KZ0083TAZZY	R 2.2	50V Ceramic	AC	C1551	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1422	VCKYCYZ1AB334KY	R 0.33	10V Ceramic	AB	C1552	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1423	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1553	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1424	VCERML1CN476MY	R 47	16V Capacitor(AL)	AC	C1554	VCAAPE0JJ227MY	R 220	6.3V Electrolytic	AE
C1430	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1555	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1431	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C1556	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1434	VCCCCZ1HH330JY	R 33p	50V Ceramic	AB	C1557	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1436	VCCCCZ1HH330JY	R 33p	50V Ceramic	AB	C1558	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1440	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1559	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1446	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1560	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1447	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C1561	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1448	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1562	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1449	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1563	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1450	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1564	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1451	VCERML1CN106MY	R 10	16V Capacitor(AL)	AC	C1565	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1452	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1566	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1453	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1567	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1454	VCAAPC1CJ335MY	R 3.3	16V Electrolytic	AE	C1568	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1457	RC-KZA104WJZZY	R 1	25V Ceramic	AA	C1569	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1458	RC-KZA104WJZZY	R 1	25V Ceramic	AA	C1570	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1459	VCERML1CN107MY	R 100	16V Capacitor(AL)	AD	C1571	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1460	RC-KZA104WJZZY	R 1	25V Ceramic	AA	C1572	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1461	RC-KZA104WJZZY	R 1	25V Ceramic	AA	C1573	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1462	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1574	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1463	VCCCCZ1HH220JY	R 22p	50V Ceramic	AB	C1575	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1464	VCCCCZ1HH220JY	R 22p	50V Ceramic	AB	C1576	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1468	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1577	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1469	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1578	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1470	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB	C1579	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1471	VCERML1CN476MY	R 47	16V Capacitor(AL)	AC	C1580	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1473	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1581	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1474	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1582	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1475	VCCCCZ1HH101JY	R 100p	50V Ceramic	AB	C1583	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1476	VCCCCZ1HH101JY	R 100p	50V Ceramic	AB	C1584	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1477	VCCCCZ1HH6R0DY	R 60p	50V Ceramic	AA	C1585	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1478	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C1586	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1479	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1587	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1480	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1588	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1481	VCERML1CN107MY	R 100	16V Capacitor(AL)	AD	C1589	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1482	VCCCCZ1HH6R0DY	R 60p	50V Ceramic	AA	C1590	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1483	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C1591	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1484	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1592	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1485	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C1593	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1486	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1594	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1487	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1595	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1503	VCKYCYZ1HB221KY	R 220p	50V Ceramic	AA	C1596	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1504	VCKYCYZ1HB221KY	R 220p	50V Ceramic	AA	C1597	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1506	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB	C1598	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1508	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB	C1599	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1511	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C1600	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1512	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C1601	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1513	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C1602	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1514	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C1603	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1515	VCKYCYZ1CB103KY	R 0.01	16V Ceramic	AB	C1604	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1516	VCKYCYZ1CB103KY	R 0.01	16V Ceramic	AB	C1605	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1517	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C1606	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1518	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C1607	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
C1519	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1608	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1520	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1609	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1536	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1610	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1537	VCERML1CN476MY	R 47	16V Capacitor(AL)	AC	C1611	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB
C1538	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA	C1612	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
					C1613	VCKYCYZ1EF104ZY	R 0.1	25V Ceramic	AA
					C1614	VCKYCYZ1HB102KY	R 1000p	50V Ceramic	AB

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)									
MAIN Unit (Continued)									
C1615	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3333	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1616	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB	C3334	VCCCCZ1HH120JY	R 12p	50V Ceramic	AB
C1617	VCCCCY1HH150JY	R 15p	50V Ceramic	AA	C3335	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1618	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3336	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1619	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB	C3337	VCKY CZ1HB272KY	R 2700p	50V Ceramic	AA
C1620	VCCCCY1HH120JY	R 12p	50V Ceramic	AA	C3338	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1621	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3339	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C1622	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB	C3340	VCKY CZ1HB272KY	R 2700p	50V Ceramic	AA
C1623	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3341	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1624	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB	C3342	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1625	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3343	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1626	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB	C3344	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1627	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3345	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1628	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB	C3346	VCERML1CN226MY	R 22	16V Capacitor(AL)	AC
C1629	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3347	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1630	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB	C3348	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1631	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3349	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C1632	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB	C3350	VCAAPC0JJ226MY	R 22	6.3V Electrolytic	AE
C1633	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C3351	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C1634	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C3352	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C1637	VCAAPE0JJ227MY	R 220	6.3V Electrolytic	AE	C3353	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2001	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C3354	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C2002	VCKY CZ1HB152KY	R 1500p	50V Ceramic	AB	C3355	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2003	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3356	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2008	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3357	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2010	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3358	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2012	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3359	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2016	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3360	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2019	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3361	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2020	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB	C3362	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2023	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3363	VCAAPE0JJ227MY	R 220	6.3V Electrolytic	AE
C2024	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3364	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2025	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	C3365	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2202	VCCCCZ1HH120JY	R 12p	50V Ceramic	AB	C3366	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2203	VCCCCZ1HH120JY	R 12p	50V Ceramic	AB	C3367	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2204	VCCCCZ1HH3R0CY	R 30p	50V Ceramic	AA	C3368	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2205	VCCCCZ1HH3R0CY	R 30p	50V Ceramic	AA	C3369	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2206	VCCCCZ1HH270JY	R 27p	50V Ceramic	AB	C3370	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2207	VCCCCZ1HH270JY	R 27p	50V Ceramic	AB	C3371	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2208	VCCCCZ1HH120JY	R 12p	50V Ceramic	AB	C3372	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2209	VCCCCZ1HH3R0CY	R 30p	50V Ceramic	AA	C3391	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C2210	VCCCCZ1HH270JY	R 27p	50V Ceramic	AB	C3392	VCKY CZ1CB103KY	R 0.01	16V Ceramic	AB
C2601	VCERML1CN107MY	R 100	16V Capacitor(AL)	AC	C3393	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3301	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3395	VCAAPC0JJ476MY	R 47	6.3V Electrolytic	AE
C3302	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3396	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3303	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3397	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3304	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C3398	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3305	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C3399	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3306	VCAAPE0JJ107MY	R 100	6.3V Electrolytic	AE	C3400	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3307	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C3401	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3308	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C3402	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3312	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C3403	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3313	RC-KZA510WJPZY	R 10	16V Ceramic	AB	C3404	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3314	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3405	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3315	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3406	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3316	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3407	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB
C3317	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3412	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3318	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3413	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3319	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3414	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3320	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3415	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3321	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3416	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3322	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3417	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3323	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3418	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3324	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3419	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3325	VCKY CY1CB224KY	R 0.22	16V Ceramic	AB	C3420	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3326	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3421	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3327	VCKY CY1CB224KY	R 0.22	16V Ceramic	AB	C3422	RC-KZA510WJPZY	R 10	16V Ceramic	AB
C3328	VCCCCZ1HH120JY	R 12p	50V Ceramic	AB	C3423	VCKY CY1CB224KY	R 0.22	16V Ceramic	AB
C3329	VCKY CY1CB224KY	R 0.22	16V Ceramic	AB	C3424	VCKY CY1CB224KY	R 0.22	16V Ceramic	AB
C3330	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3425	VCKY CY1CB224KY	R 0.22	16V Ceramic	AB
C3331	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3426	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
C3332	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	C3427	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
					C3428	VCKY CZ1HB102KY	R 1000p	50V Ceramic	AB
					C3429	RC-KZA510WJPZY	R 10	16V Ceramic	AB
					C3430	RC-KZA510WJPZY	R 10	16V Ceramic	AB
					C3431	RC-KZA510WJPZY	R 10	16V Ceramic	AB

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)									
MAIN Unit (Continued)									
C3432	VCKYCZ1HB102KY	R	1000p 50V	Ceramic AB	C8610	VCKYCZ1CB103KY	R	0.01 16V	Ceramic AB
C3433	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8611	RC-KZA510WJPZY	R	10 16V	Ceramic AB
C3434	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8612	VCKYCY1AB105KY	R	1 10V	Ceramic AB
C3435	VCKYCZ1HB102KY	R	1000p 50V	Ceramic AB	C8613	RC-KZA510WJPZY	R	10 16V	Ceramic AB
C3436	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8614	VCKYCY1AB105KY	R	1 10V	Ceramic AB
C3437	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8615	VCCCCZ1HH390JY	R	39p 50V	Ceramic AB
C3438	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8616	VCKYCY1AB105KY	R	1 10V	Ceramic AB
C8101	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8617	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8102	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8618	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8103	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8619	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8104	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8620	VCCCCZ1HH560JY	R	56p 50V	Ceramic AB
C8105	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8621	VCCCCZ1HH560JY	R	56p 50V	Ceramic AB
C8106	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8622	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8107	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8623	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8108	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8624	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8109	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8625	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8110	VCKYCY1AB105KY	R	1 10V	Ceramic AB	C8626	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8111	VCKYCY1AB105KY	R	1 10V	Ceramic AB	C8627	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8112	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8628	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8113	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8629	VCCCCZ1HH220JY	R	22p 50V	Ceramic AB
C8114	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8630	VCCCCZ1HH220JY	R	22p 50V	Ceramic AB
C8115	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8631	VCKYCY1AB105KY	R	1 10V	Ceramic AB
C8116	VCKYCY1AB105KY	R	1 10V	Ceramic AB	C8632	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8117	VCKYCY1AB105KY	R	1 10V	Ceramic AB	C8633	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8118	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8634	VCCCCZ1HH390JY	R	39p 50V	Ceramic AB
C8119	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8635	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8120	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8636	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8121	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8637	VCCCCZ1HH100DY	R	10p 50V	Ceramic AB
C8122	VCKYCY1AB105KY	R	1 10V	Ceramic AB	C8638	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8123	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8639	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8124	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8640	VCCCCZ1HH100DY	R	10p 50V	Ceramic AB
C8133	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8641	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8134	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8642	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8135	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8643	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8136	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8644	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8137	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8645	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8138	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8646	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8139	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA	C8647	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8301	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8648	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8311	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8649	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8312	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8650	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8313	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8651	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8314	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8652	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8315	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8653	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8316	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8654	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8317	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8655	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8318	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8656	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8319	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8657	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8320	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8658	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8321	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8659	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8322	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8660	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8323	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8661	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8324	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8662	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8325	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8663	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8326	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C8664	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8401	RC-KZA115WJZZY	R	2.2 10V	Ceramic AB	C8665	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8402	VCCCCZ1HH4R0CY	R	40p 50V	Ceramic AA	C8666	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8403	VCCCCZ1HH3R0CY	R	30p 50V	Ceramic AA	C8667	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8404	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8668	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8405	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8669	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8406	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8670	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB
C8451	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8671	RC-KZA510WJPZY	R	10 16V	Ceramic AB
C8452	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8672	RC-KZA510WJPZY	R	10 16V	Ceramic AB
C8453	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8673	RC-KZA510WJPZY	R	10 16V	Ceramic AB
C8460	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8674	VCKYCZ1CB103KY	R	0.01 16V	Ceramic AB
C8601	VCKYCZ1CB103KY	R	0.01 16V	Ceramic AB	C8675	VCKYCY1AB105KY	R	1 10V	Ceramic AB
C8602	VCKYCY1AB105KY	R	1 10V	Ceramic AB	C8701	VCKYCY1AB105KY	R	1 10V	Ceramic AB
C8603	VCKYCY1AB105KY	R	1 10V	Ceramic AB	C8702	VCKYCZ1CB103KY	R	0.01 16V	Ceramic AB
C8606	VCKYCZ1AB104KY	R	0.1 10V	Ceramic AB	C8703	RC-KZA067WJZZY	R	4.7 10V	Ceramic AB
C8607	RC-KZA510WJPZY	R	10 16V	Ceramic AB	C9001	RC-KZA510WJPZY	R	10 16V	Ceramic AB
C8608	VCCCCZ1HH330JY	R	33p 50V	Ceramic AB	(LC-45D40U)				
C8609	VCCCCZ1HH330JY	R	33p 50V	Ceramic AB	C9002	RC-KZA510WJPZY	R	10 16V	Ceramic AB
					(LC-45D40U)				
					C9006	VCKYCZ1EF104ZY	R	0.1 25V	Ceramic AA
					C9008	RC-KZA510WJPZY	R	10 16V	Ceramic AB
					(LC-45D40U)				

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)									
MAIN Unit (Continued)									
C9009	RC-KZA510WJPZY	R 10	16V Ceramic	AB	D1309	VHD1SS355/-1Y	R	1SS355	AB
			(LC-45D40U)		D1310	VHD1SS355/-1Y	R	1SS355	AB
C9101	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	D1311	VHD1SS355/-1Y	R	1SS355	AB
C9102	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	D1312	VHD1SS355/-1Y	R	1SS355	AB
C9103	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	D1401	VHD1SS355/-1Y	R	1SS355	AB
C9104	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	D1402	VHPGPFM513T-1	R	PhotoDiode	AH
C9105	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	D1403	VHD1SS355/-1Y	R	1SS355	AB
C9106	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	D1502	VHDDAN202K/-1Y	R	DAN202K	AB
C9107	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	D1503	VHDDAN202K/-1Y	R	DAN202K	AB
C9108	VCKY CZ1EF104ZY	R 0.1	25V Ceramic	AA	D1505	VHD1SS355/-1Y	R	1SS355	AB
C9201	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	D1506	VHD1SS355/-1Y	R	1SS355	AB
C9202	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	D1509	VHD1SS226/-1Y	R	1SS226	AC
C9609	VCAAPE1CJ396MY	R 39	16V Electrolytic	AE	D1510	VHD1SS226/-1Y	R	1SS226	AC
C9612	VCKY CZ1CB103KY	R 0.01	16V Ceramic	AB	D1511	VHD1SS355/-1Y	R	1SS355	AB
C9613	VCKY CZ1HB472KY	R 4700p	50V Ceramic	AA	D1513	VHD1SS226/-1Y	R	1SS226	AC
C9614	VCKY CZ1HB221KY	R 220p	50V Ceramic	AA	D1514	VHD1SS355/-1Y	R	1SS355	AB
C9615	VCKY TV1CB105KY	R 1	16V Ceramic	AC	D1515	VHD1SS226/-1Y	R	1SS226	AC
C9618	VCAAPE0JJ107MY	R 100	6.3V Electrolytic	AE	D1523	VHD1SS355/-1Y	R	1SS355	AB
C9619	RC-KZA510WJPZY	R 10	16V Ceramic	AB	D2003	RH-PXA018WJZZY	R	GM1HD55200A	AC
C9620	RC-KZA510WJPZY	R 10	16V Ceramic	AB	D8101	RH-PXA018WJZZY	R	GM1HD55200A	AC
C9621	RC-KZA510WJPZY	R 10	16V Ceramic	AB	D8102	RH-PXA018WJZZY	R	GM1HD55200A	AC
C9624	RC-KZA510WJPZY	R 10	16V Ceramic	AB	D8451	VHD1SS355/-1Y	R	1SS355	AB
C9625	RC-KZA510WJPZY	R 10	16V Ceramic	AB	D9001	VHDI MN10//1Y	R	IMN10 (LC-45D40U)	AB
C9626	RC-KZA067WJZZY	R 4.7	10V Ceramic	AB	D9603	VHDLi124+++1Y	R	LI124	AC
C9627	VCKY CZ1CB103KY	R 0.01	16V Ceramic	AB	D9604	VHDDG1M3+++1Y	R	DG1M3	AC
C9628	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	D9605	RH-EXA089WJZZY	R	Zener Diode	AB
C9629	VCKY CZ1HB472KY	R 4700p	50V Ceramic	AA	D9606	VHD1SS355/-1Y	R	1SS355	AB
C9630	VCKY CZ1EB682KY	R 6800p	25V Ceramic	AB	D9607	VHD1SS355/-1Y	R	1SS355	AB
C9631	VCKY CZ1HB221KY	R 220p	50V Ceramic	AA	D9608	RH-EXA087WJZZY	R	Zener Diode	AB
C9632	VCKY CZ1HB272KY	R 2700p	50V Ceramic	AA	D9609	VHD1SS355/-1Y	R	1SS355	AB
C9633	VCCCCZ1HH101JY	R 100p	50V Ceramic	AB	D9610	RH-EXA087WJZZY	R	Zener Diode	AB
C9634	VCKY CY1EB104KY	R 0.1	25V Ceramic	AB	D9701	VHD1SS355/-1Y	R	1SS355	AB
C9635	RC-KZA510WJPZY	R 10	16V Ceramic	AB	D9702	VHD1SS355/-1Y	R	1SS355	AB
C9636	VCAAPE1CJ396MY	R 39	16V Electrolytic	AE	FB1301	RBLN-0237TAZZY	R	Balun, BLN-0237TA	AB
C9637	VCKY TV1CB105KY	R 1	16V Ceramic	AC	FB1402	RBLN-A191WJZZY	R	Balun, BLN-A191WJ	AB
C9638	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB1405	RBLN-A191WJZZY	R	Balun, BLN-A191WJ	AB
C9639	VCKY CZ1AB104KY	R 0.1	10V Ceramic	AB	FB1406	RBLN-A191WJZZY	R	Balun, BLN-A191WJ	AB
C9640	VCKY CZ1HB472KY	R 4700p	50V Ceramic	AA	FB1408	RBLN-A191WJZZY	R	Balun, BLN-A191WJ	AB
C9641	VCKY CZ1EB682KY	R 6800p	25V Ceramic	AB	FB1503	RBLN-0062TAZZY	R	Balun, BLN-0062TA	AB
C9642	VCKY CZ1HB221KY	R 220p	50V Ceramic	AA	FB1504	RBLN-0062TAZZY	R	Balun, BLN-0062TA	AB
C9643	VCKY CZ1HB272KY	R 2700p	50V Ceramic	AA	FB1510	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9644	VCCCCZ1HH101JY	R 100p	50V Ceramic	AB	FB1511	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9645	VCKY CY1EB104KY	R 0.1	25V Ceramic	AB	FB1513	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9646	VCKY TV1CB105KY	R 1	16V Ceramic	AC	FB1515	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9647	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB1516	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9649	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB1517	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9650	VCKY CZ1HB222KY	R 2200p	50V Ceramic	AB	FB1518	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9651	VCKY CZ1HB222KY	R 2200p	50V Ceramic	AB	FB1519	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9652	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB1520	RBLN-1043CEZZY	R	Balun, BLN-1043CE	AB
C9653	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB1521	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9654	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB1522	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9655	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB2003	RBLN-A005WJZZY	R	Balun, BLN-A005WJ	AA
C9656	VCKY TV1CB105KY	R 1	16V Ceramic	AC	FB2004	RBLN-A005WJZZY	R	Balun, BLN-A005WJ	AA
C9706	VCKY CZ1CB103KY	R 0.01	16V Ceramic	AB	FB2005	RBLN-A005WJZZY	R	Balun, BLN-A005WJ	AA
C9707	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB2601	RBLN-0207TAZZY	R	Balun, BLN-0207TA	AB
C9708	RC-KZA154WJZZY	R 4.7	16V Ceramic	AB	FB3301	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9709	RC-KZA104WJZZY	R 1	25V Ceramic	AA	FB3302	RBLN-0252TAZZY	R	Balun, BLN-0252TA	AA
C9710	VCKY CY1AB105KY	R 1	10V Ceramic	AB	FB3303	RBLN-0252TAZZY	R	Balun, BLN-0252TA	AA
C9711	VCKY CY1AB105KY	R 1	10V Ceramic	AB	FB3304	RBLN-0252TAZZY	R	Balun, BLN-0252TA	AA
C9712	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB3306	RBLN-0252TAZZY	R	Balun, BLN-0252TA	AA
C9713	RC-KZA067WJZZY	R 4.7	10V Ceramic	AB	FB3307	RBLN-0252TAZZY	R	Balun, BLN-0252TA	AA
C9714	RC-KZA104WJZZY	R 1	25V Ceramic	AA	FB3308	RBLN-0210TAZZY	R	Balun, BLN-0210TA	AB
C9717	RC-KZA510WJPZY	R 10	16V Ceramic	AB	FB3309	RBLN-0252TAZZY	R	Balun, BLN-0252TA	AA
D1104	RH-EX1234CEZZY	R	Zener Diode	AE	FB3310	RBLN-0252TAZZY	R	Balun, BLN-0252TA	AA
D1301	VHD1SS355/-1Y	R	1SS355	AB	FB8101	RBLN-A213WJZZY	R	Balun, BLN-A213WJ	AB
D1302	VHD1SS355/-1Y	R	1SS355	AB	FB8601	RBLN-A192WJZZY	R	Balun, BLN-A192WJ	AA
D1303	VHD1SS355/-1Y	R	1SS355	AB	FB8602	RBLN-A192WJZZY	R	Balun, BLN-A192WJ	AA
D1304	VHD1SS355/-1Y	R	1SS355	AB	FB8603	RBLN-A206WJZZY	R	Balun, BLN-A206WJ	AA
D1305	VHD1SS355/-1Y	R	1SS355	AB	FB8604	RBLN-A192WJZZY	R	Balun, BLN-A192WJ	AA
D1306	VHD1SS355/-1Y	R	1SS355	AB	FB8605	RBLN-A226WJZZY	R	Balun, BLN-A226WJ	AA
D1307	VHD1SS355/-1Y	R	1SS355	AB	FB8606	RBLN-A226WJZZY	R	Balun, BLN-A226WJ	AA
D1308	VHD1SS355/-1Y	R	1SS355	AB	FB8607	RBLN-A226WJZZY	R	Balun, BLN-A226WJ	AA
					FB8608	RBLN-A192WJZZY	R	Balun, BLN-A192WJ	AA
					FB8701	RBLN-A192WJZZY	R	Balun, BLN-A192WJ	AA
					FB9701	RBLN-0237TAZZY	R	Balun, BLN-0237TA	AB
					FB9702	RBLN-A192WJZZY	R	Balun, BLN-A192WJ	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)					L2201	VPD9M220J2R7NY	R	Peaking, 22μH	AC
MAIN Unit (Continued)					L2202	VPD9M220J2R7NY	R	Peaking, 22μH	AC
FB9703	RBLN-A192WJZZY	R	Balun, BLN-A192WJ	AA	L2203	VPD9M220J2R7NY	R	Peaking, 22μH	AC
FB9704	RBLN-A206WJZZY	R	Balun, BLN-A206WJ	AA	L3301	VPCEM2R2MR23NYR	R	Peaking, 2.2μH	AC
FB9705	RBLN-A206WJZZY	R	Balun, BLN-A206WJ	AA	L3302	VPCEM2R2MR23NYR	R	Peaking, 2.2μH	AC
FL2001	RFILZA009WJZZY	R	Filter	AD	L3303	VPCEM2R2MR23NYR	R	Peaking, 2.2μH	AC
FL8105	RFILNA109WJZZY	R	Filter	AE	L3304	RCiLFA071WJZZY	R	Coil, CiLFA071WJ	AD
IC1101	VHiPQ050DNA-1Y	R	PQ050DNA1ZPH	AE	L3305	RCiLFA071WJZZY	R	Coil, CiLFA071WJ	AD
IC1103	VHiBA7655AF-1Y	R	BA7655AF-T1	AG	L3306	RCiLFA071WJZZY	R	Coil, CiLFA071WJ	AD
IC1104	VHiM62332FP-1Y	R	M62332FPCF5J	AL	L3307	RCiLFA071WJZZY	R	Coil, CiLFA071WJ	AD
IC1301	VHiM62320FP-1Y	R	M62320FPDF5J	AH	L3308	RCiLFA071WJZZY	R	Coil, CiLFA071WJ	AD
IC1302	VHiBU4842G+-1Y	R	BU4842G-TR	AC	L8101	VPCEM100MR70NYR	R	Peaking, 10μH	AC
IC1303	VHiT7SET08U1EY	R	TC7SET08FU(T5L,JF)	AC	L8102	VPCEM100MR70NYR	R	Peaking, 10μH	AC
IC1401	VHiAN5832SA-1Y	R	AN5832SA-E1	AQ	L8601	VPMKMR39JR57VY	R	Peaking, 0.39μH	AB
IC1403	VHiAK4683EQ-1Q	R	AK4683EQ	AR	L8602	VPMKMR39JR57VY	R	Peaking, 0.39μH	AB
IC1404	VHi7SA34FU+-1Y	R	TC7SA34FU(TE85L,F)	AD	L8603	VPMKMR33JR50VY	R	Peaking, 0.33μH	AB
IC1405	VHi7SA34FU+-1Y	R	TC7SA34FU(TE85L,F)	AD	L8604	VPMKMR68JR84VY	R	Peaking, 0.68μH	AB
IC1406	VHiNJU26111-1Q	R	NJU26111FR1	AT	L8605	VPMKMR68JR84VY	R	Peaking, 0.68μH	AB
IC1407	VHiNJM4565V-1Y	R	NJM4565V-TE1	AF	L8606	VPMKMR22JR37VY	R	Peaking, 0.22μH	AB
IC1408	VHiT7SET08U1EY	R	TC7SET08FU(T5L,JF)	AC	L8607	VPMKMR22JR37VY	R	Peaking, 0.22μH	AB
IC1501	VHi24LC2BiNFES	R	24LC02BT-I/SN	AH	L8608	VPMKMR33JR50VY	R	Peaking, 0.33μH	AB
IC1502	VHi24LC2BiNFES	R	24LC02BT-I/SN	AH	L9601	RCiLCA037WJZZY	R	Coil, CiLCA037WJ	AF
IC1506	VHiPQ018EZ5-1Y	R	PQ018EZ5MZPH	AF	L9602	RCiLCA037WJZZY	R	Coil, CiLCA037WJ	AF
IC1507	VHiTMD5341+-1Y	R	TMD5341PFCR	AS	L9603	RCiLCA029WJZZY	R	Coil, CiLCA029WJ	AD
IC1508	VHiSi9011L-1Q	R	Si9011CLU	AY	LUG1101	QLUGHA006WJZZY	R	Lug	AC
IC2001	VHiBD5224G+-1Y	R	BD5224G-TR	AD	LUG1102	QLUGHA006WJZZY	R	Lug	AC
IC2002	RH-iXB345WJNDQ	R	iXB345WJ	AY	LUG1103	QLUGHA006WJZZY	R	Lug	AC
IC2003	VHiTC7W66U/-1Y	R	TC7W66FU(TE12L,F)	AE	LUG1104	QLUGHA006WJZZY	R	Lug	AC
IC2004	VHiBR24L08F-1Y	R	BR24L08F-WE2	AE	LUG1105	QLUGHA006WJZZY	R	Lug	AC
IC2005	VHiM62332FP-1Y	R	M62332FPCF5J	AD	LUG1106	QLUGHA006WJZZY	R	Lug	AC
IC2006	VHiTCVHC32T-1Y	R	TC74VHC32FT(EL)	AE	P2002	QPLGNA173WJZZY	R	Plug, 4Pin	AD
IC2007	VHiSN1G08DC-1Y	R	SN74AHC1G08HDCK3	AD	P2601	QPLGNA493WJZZY	R	Plug, 32Pin	AM
IC3301	RH-iXB405WJZZQ	R	iXB405WJ	BK	P2602	QPLGNA327WJZZY	R	Plug, 7Pin	AC
IC3302	RH-iXB375WJZZQ	R	iXB375WJ	BA	P2603	QPLGNA173WJZZY	R	Plug, 4Pin	AD
IC8101	RH-iXB145WJQZQ	R	iXB145WJ	BM	P9002	QPLGNA174WJZZY	R	Plug, 5Pin (LC-45D40U)	AE
IC8301	RH-iXB667WJQZQ	R	iXB667WJ	AW	P9005	QPLGNA160WJZZY	R	Plug, 4Pin	AD
IC8302	RH-iXB667WJQZQ	R	iXB667WJ	AW	P9101	QPLGN0060CEZZY	R	Plug, 10Pin	AE
IC8401	RH-iXB422WJQZY	R	iXB422WJ	AL	P9202	QPLGNA144WJZZY	R	Plug, 20Pin	AF
IC8451	RH-iXB805WJQZQ	R	iXB805WJ	AK	P9701	QPLGNA181WJZZY	R	Plug, 12Pin	AF
IC8454	VHiBR24L64F-1Y	R	BR24L64F-WE2	BE	P9702	QPLGNA175WJZZY	R	Plug, 6Pin	AE
IC8601	RH-iXB684WJQZQ	R	iXB684WJ	AD	Q1102	VS2SC3928AR-1Y	R	2SC3928AR	AB
IC8701	VHiPQ1X331M-1Y	R	PQ1X331M2ZPH	AD	Q1103	VS2SC3928AR-1Y	R	2SC3928AR	AB
IC9003	VHiPQ1LAX95-1Y	R	PQ1LAX95MSPQ (LC-45D40U)	AD	Q1108	VS2SC3928AR-1Y	R	2SC3928AR	AB
IC9005	VHiPQ1LAX95-1Y	R	PQ1LAX95MSPQ (LC-45D40U)	AD	Q1109	VS2SA1530AR-1Y	R	2SA1530AR	AB
IC9101	RH-iXB685WJQ1Q	R	iXB685WJ	AR	Q1112	VS2SC3928AR-1Y	R	2SC3928AR	AB
IC9201	RH-iXB011WJZZY	R	iXB011WJ	AM	Q1301	VSKRC404E++-1Y	R	KRC404E	AB
IC9602	VHiPQ1CX12H-1Y	R	PQ1CX12H2ZPQ	AK	Q1302	VS2SA1530AR-1Y	R	2SA1530AR	AB
IC9603	VHiPQ012GN1-1Y	R	PQ012GN01ZPH	AF	Q1303	VSKRC404E++-1Y	R	KRC404E	AB
IC9604	VHiPQ010GN1-1Y	R	PQ010GN01ZPH	AF	Q1304	VSKRC404E++-1Y	R	KRC404E	AB
IC9605	VHiPQ1X181M-1Y	R	PQ1X181M2ZPH	AD	Q1306	VS2SA1530AR-1Y	R	2SA1530AR	AB
IC9606	VHiTPS40055-1Y	R	TPS40055PWPR	AN	Q1307	VSRT1N141U/-1Y	R	RT1N141U	AB
IC9607	VHiTPS40055-1Y	R	TPS40055PWPR	AN	Q1308	VSRT1N141U/-1Y	R	RT1N141U	AB
IC9701	VHiPQ090DNA-1Y	R	PQ090DNA1ZPH	AE	Q1401	VS2SC3928AR-1Y	R	2SC3928AR	AB
IC9702	VHiPQ050DNA-1Y	R	PQ050DNA1ZPH	AE	Q1402	VSKRC404E++-1Y	R	KRC404E	AB
IC9703	VHiBH33FB1G-1Y	R	BH33FB1WG-TR	AD	Q1503	VSUM6K1NTN+-1Y	R	UM6K1N TN	AC
IC9705	VHiPQ050DNA-1Y	R	PQ050DNA1ZPH	AE	Q1504	VSUM6K1NTN+-1Y	R	UM6K1N TN	AC
J1501	QJAKFA046WJZZ	R	Jack, 3Pin	AC	Q1505	VSKRC404E++-1Y	R	KRC404E	AB
L1101	VPCEM100MR70NYR	R	Peaking, 10μH	AC	Q1506	VSKRC404E++-1Y	R	KRC404E	AB
L1103	VPD9M1R0MR20NYR	R	Peaking, 1.0μH	AB	Q1507	VSKRC404E++-1Y	R	KRC404E	AB
L1104	VPD9M1R0MR20NYR	R	Peaking, 1.0μH	AB	Q1508	VSKRC404E++-1Y	R	KRC404E	AB
L1105	VPCEM100MR70NYR	R	Peaking, 10μH	AC	Q1514	VSiMD2A/III/-1Y	R	iMD2A	AC
L1401	VPCBM470K2R4NYR	R	Peaking, 47μH	AC	Q1515	VSiMD2A/III/-1Y	R	iMD2A	AC
L1402	VPCEM100MR70NYR	R	Peaking, 10μH	AC	Q2001	VSKRC404E++-1Y	R	KRC404E	AB
L1506	RCiLFA116WJZZY	R	Coil, CiLFA116WJ	AE	Q2006	VSRT1N141U/-1Y	R	RT1N141U	AB
L1507	RCiLFA116WJZZY	R	Coil, CiLFA116WJ	AE	Q2007	VSRT1N141U/-1Y	R	RT1N141U	AB
L1508	RCiLFA116WJZZY	R	Coil, CiLFA116WJ	AE	Q2201	VS2SC3928AR-1Y	R	2SC3928AR	AB
L1509	RCiLFA116WJZZY	R	Coil, CiLFA116WJ	AE	Q2202	VS2SC3928AR-1Y	R	2SC3928AR	AB
L1510	RCiLFA116WJZZY	R	Coil, CiLFA116WJ	AE	Q2203	VS2SC3928AR-1Y	R	2SC3928AR	AB
L1511	RCiLFA116WJZZY	R	Coil, CiLFA116WJ	AE	Q2204	VS2SC3928AR-1Y	R	2SC3928AR	AB
L1512	RCiLFA116WJZZY	R	Coil, CiLFA116WJ	AE	Q2205	VS2SC3928AR-1Y	R	2SC3928AR	AB
L1513	RCiLFA116WJZZY	R	Coil, CiLFA116WJ	AE	Q2206	VS2SC3928AR-1Y	R	2SC3928AR	AB
L1530	VPCBM4R7MR25NYR	R	Peaking, 4.7μH	AC	Q2207	VS2SA1530AR-1Y	R	2SA1530AR	AB
					Q2208	VS2SA1530AR-1Y	R	2SA1530AR	AB
					Q2209	VS2SA1530AR-1Y	R	2SA1530AR	AB
					Q8451	VSRT1N141U/-1Y	R	RT1N141U	AB
					Q8452	VS2SA1362GR-1Y	R	2SA1362GR	AC

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)									
MAIN Unit (Continued)									
Q8601	VSUM6K1NTN+-1Y	R	UM6K1N TN	AC	R1407	VRS-CZ1JF332FY	R 3.3k	1/16W Metal Oxide	AA
Q9003	VSUM6K1NTN+-1Y	R	UM6K1N TN	AC	R1409	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
Q9601	VSSP8K2++++-1Y	R	SP8K2TB	AE	R1410	VRS-CZ1JF4R7JY	R 4.7	1/16W Metal Oxide	AA
Q9602	VSSP8K2++++-1Y	R	SP8K2TB	AE	R1411	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
Q9603	VS2SC3928AR-1Y	R	2SC3928AR	AB	R1412	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
Q9604	VS2SC3928AR-1Y	R	2SC3928AR	AB	R1413	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA
Q9605	VS2SC3928AR-1Y	R	2SC3928AR	AB	R1414	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
Q9606	VSKRC404E+-1Y	R	KRC404E	AB	R1415	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
Q9701	VSDTC124EKA-1Y	R	DTC124EKA	AB	R1416	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
Q9702	VSDTA124EKA-1Y	R	DTA124EKA	AB	R1417	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R1101	VRS-CZ1JF822JY	R	8.2k 1/16W Metal Oxide	AA	R1418	VRS-CZ1JF123FY	R 12k	1/16W Metal Oxide	AA
R1105	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	R1420	VRS-CZ1JF4R7JY	R 4.7	1/16W Metal Oxide	AA
R1106	VRS-CZ1JF331JY	R	330 1/16W Metal Oxide	AA	R1422	VRS-CZ1JF4R7JY	R 4.7	1/16W Metal Oxide	AA
R1107	VRS-CZ1JF332FY	R	3.3k 1/16W Metal Oxide	AA	R1424	VRS-CZ1JF4R7JY	R 4.7	1/16W Metal Oxide	AA
R1108	VRS-CZ1JF822JY	R	8.2k 1/16W Metal Oxide	AA	R1425	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R1110	VRS-CZ1JF683JY	R	68k 1/16W Metal Oxide	AA	R1427	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R1111	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	R1429	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1112	VRS-CZ1JF000JY	R	0 1/16W Metal Oxide	AA	R1432	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1113	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	R1433	VRS-CZ1JF222FY	R 2.2k	1/16W Metal Oxide	AA
R1114	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	R1436	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1119	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	R1437	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA
R1121	VRS-CZ1JF222JY	R	2.2k 1/16W Metal Oxide	AA	R1438	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA
R1122	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA	R1440	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1124	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	R1441	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R1125	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA	R1442	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R1127	VRS-CZ1JF222JY	R	2.2k 1/16W Metal Oxide	AA	R1443	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1129	VRS-CZ1JF123FY	R	12k 1/16W Metal Oxide	AA	R1444	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1130	VRS-CZ1JF392JY	R	3.9k 1/16W Metal Oxide	AA	R1446	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R1131	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA	R1447	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1132	VRS-CZ1JF332FY	R	3.3k 1/16W Metal Oxide	AA	R1448	VRS-CZ1JF223FY	R 22k	1/16W Metal Oxide	AA
R1133	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	R1449	VRS-CJ1JF470JY	R 47	1/16W Metal Oxide	AA
R1134	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R1451	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1135	VRS-CZ1JF332FY	R	3.3k 1/16W Metal Oxide	AA	R1452	VRS-CZ1JF223FY	R 22k	1/16W Metal Oxide	AA
R1136	VRS-CJ1JF470JY	R	47 1/16W Metal Oxide	AA	R1454	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1139	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R1455	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R1141	VRS-CZ1JF182FY	R	1.8k 1/16W Metal Oxide	AA	R1456	VRS-CZ1JF243FY	R 24k	1/16W Metal Oxide	AA
R1142	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA	R1458	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1143	VRS-CZ1JF562JY	R	5.6k 1/16W Metal Oxide	AA	R1459	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1144	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA	R1460	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA
R1160	VRS-CZ1JF392JY	R	3.9k 1/16W Metal Oxide	AA	R1462	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1161	VRS-CZ1JF123FY	R	12k 1/16W Metal Oxide	AA	R1463	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA
R1163	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R1466	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R1164	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R1467	VRS-CJ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R1165	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA	R1468	VRS-CZ1JF243FY	R 24k	1/16W Metal Oxide	AA
R1301	VRS-CJ1JF470JY	R	47 1/16W Metal Oxide	AA	R1469	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA
R1302	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA	R1471	VRS-CJ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1303	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA	R1472	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1304	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	R1475	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA
R1305	VRS-CZ1JF223JY	R	22k 1/16W Metal Oxide	AA	R1476	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA
R1306	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA	R1478	VRS-CJ1JF243JY	R 24k	1/16W Metal Oxide	AA
R1307	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	R1479	VRS-CJ1JF470JY	R 47	1/16W Metal Oxide	AA
R1308	VRS-CZ1JF562JY	R	5.6k 1/16W Metal Oxide	AA	R1480	VRS-CZ1JF221JY	R 220	1/16W Metal Oxide	AA
R1309	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA	R1481	VRS-CZ1JF221JY	R 220	1/16W Metal Oxide	AA
R1310	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA	R1482	VRS-CZ1JF221JY	R 220	1/16W Metal Oxide	AA
R1311	VRS-CZ1JF223JY	R	22k 1/16W Metal Oxide	AA	R1483	VRS-CZ1JF221JY	R 220	1/16W Metal Oxide	AA
R1312	VRS-CZ1JF222JY	R	2.2k 1/16W Metal Oxide	AA	R1484	VRS-CJ1JF104JY	R 100k	1/16W Metal Oxide	AA
R1313	VRS-CZ1JF223JY	R	22k 1/16W Metal Oxide	AA	R1487	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1314	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA	R1488	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1315	VRS-CZ1JF104JY	R	100k 1/16W Metal Oxide	AA	R1489	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1316	VRS-CZ1JF562JY	R	5.6k 1/16W Metal Oxide	AA	R1490	VRS-CJ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1317	VRS-CZ1JF102FY	R	1k 1/16W Metal Oxide	AA	R1491	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1318	VRS-CZ1JF102FY	R	1k 1/16W Metal Oxide	AA	R1492	VRS-CJ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1319	VRS-CZ1JF332FY	R	3.3k 1/16W Metal Oxide	AA	R1494	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R1321	VRS-CZ1JF332FY	R	3.3k 1/16W Metal Oxide	AA	R1495	VRS-CZ1JF105JY	R 1M	1/16W Metal Oxide	AA
R1322	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA	R1496	VRS-CZ1JF271JY	R 270	1/16W Metal Oxide	AA
R1323	VRS-CZ1JF223JY	R	22k 1/16W Metal Oxide	AA	R1497	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1401	VRS-CZ1JF184JY	R	180k 1/16W Metal Oxide	AA	R1498	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1402	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA	R1499	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1403	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	R1500	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1404	VRS-CJ1JF101JY	R	100 1/16W Metal Oxide	AA	R1501	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1405	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA	R1505	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1406	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	R1506	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
					R1507	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
					R1510	VRS-CZ1JF104JY	R 100k	1/16W Metal Oxide	AA
					R1512	VRS-CZ1JF104JY	R 100k	1/16W Metal Oxide	AA
					R1517	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)					R2014	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
MAIN Unit (Continued)					R2015	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R1518	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA				(LC-45D40U)	
R1532	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA	R2017	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R1534	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA	R2019	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1535	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA	R2020	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1536	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2022	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R1537	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA				(LC-37D40U)	
R1538	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2023	VRS-CZ1JF393FY	R 39k	1/16W Metal Oxide	AA
R1539	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA	R2024	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA
R1540	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2026	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1542	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA	R2029	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1543	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2030	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R1545	VRS-CY1JF474JY	R 470k	1/16W Metal Oxide	AA	R2031	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1546	VRS-CY1JF474JY	R 470k	1/16W Metal Oxide	AA	R2032	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA
R1547	VRS-CY1JF474JY	R 470k	1/16W Metal Oxide	AA	R2033	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1551	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R2034	VRS-CZ1JF105JY	R 1M	1/16W Metal Oxide	AA
R1555	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R2035	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA
R1556	VRS-CY1JF474JY	R 470k	1/16W Metal Oxide	AA	R2036	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA
R1557	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R2037	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA
R1559	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R2038	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA
R1593	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2039	VRS-CH1JF100JY	R 10	1/16W Metal Oxide	AA
R1594	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2040	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1596	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R2041	VRS-CZ1JF152JY	R 1.5k	1/16W Metal Oxide	AA
R1597	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2042	VRS-CH1JF101JY	R 100	1/16W Metal Oxide	AA
R1598	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2044	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA
R1599	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2047	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1600	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2048	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R1602	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA	R2049	VRS-CZ1JF272FY	R 2.7k	1/16W Metal Oxide	AA
R1603	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R2050	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1604	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2051	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA
R1605	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2052	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA
R1606	RR-SZA031WJZZY	R 4.64k		AA	R2053	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1607	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2054	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1608	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2055	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1609	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA	R2056	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1610	VRS-CZ1JF471JY	R 470	1/16W Metal Oxide	AA	R2059	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R1611	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA	R2060	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA
R1612	VRS-CZ1JF105JY	R 1M	1/16W Metal Oxide	AA	R2061	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA
R1613	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R2062	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1614	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA	R2063	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1615	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA	R2064	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1616	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2065	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1617	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA	R2070	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA
R1618	VRS-CH1JF103JY	R 10k	1/16W Metal Oxide	AA	R2071	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA
R1620	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R2076	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R1621	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R2079	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R1622	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R2201	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1623	VRS-CZ1JF300JY	R 39	1/16W Metal Oxide	AA	R2202	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1624	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA	R2203	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1626	VRS-CH1JF330JY	R 33	1/16W Metal Oxide	AA	R2204	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1627	VRS-CH1JF330JY	R 33	1/16W Metal Oxide	AA	R2209	VRS-TV1JD102FY	R 1k	1/16W Metal Oxide	AA
R1628	VRS-CH1JF330JY	R 33	1/16W Metal Oxide	AA	R2210	VRS-TV1JD102FY	R 1k	1/16W Metal Oxide	AA
R1629	VRS-CH1JF330JY	R 33	1/16W Metal Oxide	AA	R2211	VRS-TV1JD102JY	R 1k	1/16W Metal Oxide	AA
R1630	VRS-CH1JF330JY	R 33	1/16W Metal Oxide	AA	R2212	VRS-TV1JD102FY	R 1k	1/16W Metal Oxide	AA
R1631	VRS-CH1JF330JY	R 33	1/16W Metal Oxide	AA	R2213	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1632	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R2214	VRS-CZ1JF911JY	R 910	1/16W Metal Oxide	AA
R1634	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R2215	VRS-CZ1JF911JY	R 910	1/16W Metal Oxide	AA
R1635	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA	R2216	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA
R1636	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R2219	VRS-TV1JD102FY	R 1k	1/16W Metal Oxide	AA
R2001	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA	R2220	VRS-TV1JD102FY	R 1k	1/16W Metal Oxide	AA
R2002	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA	R2221	VRS-CZ1JF911JY	R 910	1/16W Metal Oxide	AA
R2003	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA	R2222	VRS-TV1JD102JY	R 1k	1/16W Metal Oxide	AA
R2004	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R2223	VRS-TV1JD102JY	R 1k	1/16W Metal Oxide	AA
R2005	VRS-CZ1JF272FY	R 2.7k	1/16W Metal Oxide	AA	R2224	VRS-TV1JD102FY	R 1k	1/16W Metal Oxide	AA
R2006	VRS-CZ1JF223JY	R 22k	1/16W Metal Oxide	AA	R2254	VRS-CZ1JF104JY	R 100k	1/16W Metal Oxide	AA
R2007	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA	R2601	VRS-CH1JF223JY	R 22k	1/16W Metal Oxide	AA
R2008	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA	R2602	VRS-CH1JF223JY	R 22k	1/16W Metal Oxide	AA
R2009	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA	R2604	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R2010	VRS-CJ1JF333JY	R 33k	1/16W Metal Oxide	AA	R2605	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R2011	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA	R2606	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R2012	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2607	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R2013	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R2608	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
					R2609	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
					R2610	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
					R2611	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)									
MAIN Unit (Continued)									
R2612	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA	R3416	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R2613	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA	R3417	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R2614	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA	R3418	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3301	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R3419	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3303	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R3420	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB
R3304	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R3421	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB
R3305	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R3422	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3306	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R3423	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3314	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R3424	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3316	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R3425	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3317	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R3426	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3318	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R3427	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3319	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA	R3428	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3320	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA	R3429	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3322	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA	R3430	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB
R3323	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA	R3431	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB
R3324	VRS-CZ1JF101JY	R 100	1/16W Metal Oxide	AA	R3432	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3325	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA	R3433	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3326	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA	R3434	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3327	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R3435	VRS-CH1JF680JY	R 68	1/16W Metal Oxide	AA
R3328	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R3436	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3331	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8101	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3333	VRS-CH1JF330JY	R 33	1/16W Metal Oxide	AA	R8102	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R3334	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8103	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R3335	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8104	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R3336	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8106	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R3337	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8107	VRS-CH1JF470JY	R 47	1/16W Metal Oxide	AA
R3338	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8108	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3339	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8109	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R3340	VRK-CD1JJ330JY	R 33	1/16W	AC	R8110	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
			Metal Composition		R8111	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R3347	VRS-CH1JF000JY	R 0	1/16W Metal Oxide	AA	R8112	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3348	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8113	VRK-CD1JJ470JY	R 47	1/16W	AC
R3349	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB				Metal Composition	
R3350	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8114	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R3351	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8115	VRK-CD1JJ470JY	R 47	1/16W	AC
R3352	VRK-CD1JJ000JY	R 0	1/16W	AC				Metal Composition	
			Metal Composition		R8116	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3361	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8117	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3362	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8119	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3367	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8120	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R3368	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8121	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3369	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8122	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3370	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8123	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3381	VRS-CZ1JF510FY	R 51	1/16W Metal Oxide	AA	R8125	VRS-CH1JF103JY	R 10k	1/16W Metal Oxide	AA
R3382	VRS-CZ1JF510FY	R 51	1/16W Metal Oxide	AA	R8126	VRS-CZ1JF750JY	R 75	1/16W Metal Oxide	AA
R3384	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA	R8127	VRS-CZ1JF750JY	R 75	1/16W Metal Oxide	AA
R3385	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA	R8130	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3386	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8131	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3387	VRS-CZ1JF680JY	R 68	1/16W Metal Oxide	AB	R8133	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R3391	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA	R8134	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3392	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA	R8135	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R3398	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8136	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R3399	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R8137	VRS-CZ1JF222JY	R 2.2k	1/16W Metal Oxide	AA
R3401	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8138	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R3402	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8139	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3403	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R8140	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R3404	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R8141	VRS-CZ1JF103FY	R 10k	1/16W Metal Oxide	AB
R3405	VRS-CH1JF100JY	R 10	1/16W Metal Oxide	AA	R8142	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA
R3406	VRS-CH1JF100JY	R 10	1/16W Metal Oxide	AA	R8143	VRS-CZ1JF750JY	R 75	1/16W Metal Oxide	AA
R3407	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R8144	VRS-CZ1JF750JY	R 75	1/16W Metal Oxide	AA
R3408	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R8145	VRS-CZ1JF103FY	R 10k	1/16W Metal Oxide	AB
R3409	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R8146	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA
R3410	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8147	VRS-CZ1JF273FY	R 27k	1/16W Metal Oxide	AA
R3411	VRS-CZ1JF100JY	R 10	1/16W Metal Oxide	AA	R8148	VRS-CZ1JF103FY	R 10k	1/16W Metal Oxide	AB
R3412	VRS-CH1JF103JY	R 10k	1/16W Metal Oxide	AA	R8149	VRS-CZ1JF750JY	R 75	1/16W Metal Oxide	AA
R3413	VRK-CD1JJ103JY	R 10k	1/16W	AC	R8150	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
			Metal Composition		R8151	VRS-CZ1JF750JY	R 75	1/16W Metal Oxide	AA
R3414	VRK-CD1JJ103JY	R 10k	1/16W	AC	R8152	VRS-CZ1JF273FY	R 27k	1/16W Metal Oxide	AA
			Metal Composition		R8153	VRS-CZ1JF103FY	R 10k	1/16W Metal Oxide	AB
R3415	VRK-CD1JJ103JY	R 10k	1/16W	AC	R8154	VRS-CZ1JF560FY	R 56	1/16W Metal Oxide	AA
			Metal Composition		R8155	VRS-CZ1JF560FY	R 56	1/16W Metal Oxide	AA
			Metal Composition		R8156	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA
			Metal Composition		R8157	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA
			Metal Composition		R8163	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
			Metal Composition		R8164	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)					R8367	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA
MAIN Unit (Continued)					R8368	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA
R8165	VRS-CH1JF470JY	R 47	1/16W Metal Oxide	AA	R8369	VRK-CD1JJ330JY	R 33	1/16W	AC
R8166	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA				Metal Composition	
R8167	VRK-CD1JJ470JY	R 47	1/16W	AC	R8370	VRK-CD1JJ330JY	R 33	1/16W	AC
			Metal Composition					Metal Composition	
R8168	VRK-CD1JJ470JY	R 47	1/16W	AC	R8371	VRK-CD1JJ330JY	R 33	1/16W	AC
			Metal Composition					Metal Composition	
R8169	VRK-CD1JJ470JY	R 47	1/16W	AC	R8372	VRK-CD1JJ330JY	R 33	1/16W	AC
			Metal Composition					Metal Composition	
R8170	VRK-CD1JJ470JY	R 47	1/16W	AC	R8389	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA
			Metal Composition		R8390	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA
R8171	VRK-CD1JJ470JY	R 47	1/16W	AC	R8391	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA
			Metal Composition		R8392	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA
R8172	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA	R8393	VRK-CD1JJ330JY	R 33	1/16W	AC
R8173	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA				Metal Composition	
R8174	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA	R8394	VRK-CD1JJ330JY	R 33	1/16W	AC
R8175	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA				Metal Composition	
R8176	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA	R8395	VRK-CD1JJ330JY	R 33	1/16W	AC
R8177	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA				Metal Composition	
R8178	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA	R8396	VRK-CD1JJ330JY	R 33	1/16W	AC
R8179	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA				Metal Composition	
R8180	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA	R8397	VRS-CZ1JF151JY	R 150	1/16W Metal Oxide	AA
R8181	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8401	VRS-CZ1JF224JY	R 220k	1/16W Metal Oxide	AA
R8183	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA	R8402	VRS-CZ1JF121JY	R 120	1/16W Metal Oxide	AA
R8185	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA	R8403	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8186	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA	R8404	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8188	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8405	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R8190	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA	R8406	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R8192	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8409	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8193	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8410	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R8194	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8412	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R8198	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8451	VRS-TV1JD222JY	R 2.2k	1/16W Metal Oxide	AA
R8199	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8452	VRS-CZ1JF473FY	R 47k	1/16W Metal Oxide	AA
R8201	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8453	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R8204	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8467	VRK-CD1JJ470JY	R 47	1/16W	AC
R8206	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA				Metal Composition	
R8208	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8468	VRK-CD1JJ470JY	R 47	1/16W	AC
R8209	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA				Metal Composition	
R8210	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8469	VRS-CZ1JF104JY	R 100k	1/16W Metal Oxide	AA
R8211	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA	R8470	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R8213	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA	R8474	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8290	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA	R8475	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8291	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA	R8506	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R8292	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA	R8573	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R8293	VRS-CZ1JF102FY	R 1k	1/16W Metal Oxide	AA	R8578	VRS-CH1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R8301	VRS-CH1JF220JY	R 22	1/16W Metal Oxide	AA	R8579	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R8302	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8601	VRS-CZ1JF47R7Y	R 4.7	1/16W Metal Oxide	AA
R8303	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8603	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R8304	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8605	VRS-CJ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R8305	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8606	VRS-CJ1JF470JY	R 47	1/16W Metal Oxide	AA
R8306	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8607	VRS-CZ1JF47R7Y	R 4.7	1/16W Metal Oxide	AA
R8307	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8608	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R8308	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8609	VRS-CZ1JF103JY	R 10k	1/16W Metal Oxide	AA
R8309	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8613	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R8310	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8614	VRS-CZ1JF391JY	R 390	1/16W Metal Oxide	AA
R8311	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8616	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R8312	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8618	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R8313	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8620	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R8314	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8621	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R8315	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8622	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R8316	VRS-CZ1JF220JY	R 22	1/16W Metal Oxide	AA	R8623	VRS-CZ1JF102JY	R 1k	1/16W Metal Oxide	AA
R8317	VRK-CD1JJ220JY	R 22	1/16W	AC	R8624	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
			Metal Composition		R8625	VRS-CZ1JF511JY	R 510	1/16W Metal Oxide	AA
R8318	VRS-CZ1JF331JY	R 330	1/16W Metal Oxide	AA	R8626	VRS-CZ1JF000JY	R 0	1/16W Metal Oxide	AA
R8321	VRS-CZ1JF331JY	R 330	1/16W Metal Oxide	AA	R8627	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8322	VRS-CZ1JF331JY	R 330	1/16W Metal Oxide	AA	R8628	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8325	VRS-CZ1JF331JY	R 330	1/16W Metal Oxide	AA	R8629	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8345	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8630	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8346	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8631	VRS-CZ1JF470JY	R 47	1/16W Metal Oxide	AA
R8358	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8632	VRS-CJ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R8359	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8633	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R8365	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8634	VRS-CJ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
R8366	VRS-CZ1JF330JY	R 33	1/16W Metal Oxide	AA	R8635	VRS-CJ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
					R8701	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA
					R8702	VRS-CZ1JF472JY	R 4.7k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)									
MAIN Unit (Continued)									
R8703	VRS-CZ1JF563JY	R	56k 1/16W Metal Oxide	AA	R9304	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA
R8704	VRS-CZ1JF563JY	R	56k 1/16W Metal Oxide	AA	R9305	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA
R8705	VRS-CH1JF563JY	R	56k 1/16W Metal Oxide	AA	R9306	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA
R8706	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	R9601	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R8707	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	R9602	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R8708	VRS-CH1JF101JY	R	100 1/16W Metal Oxide	AA	R9603	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R8713	VRS-CH1JF101JY	R	100 1/16W Metal Oxide	AA	R9604	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R8803	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	R9605	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA
R8804	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	R9606	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA
R8834	VRS-CZ1JF000JY	R	0 1/16W Metal Oxide	AA	R9607	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R9001	VRS-CZ1JF273JY	R	27k 1/16W Metal Oxide	AA	R9610	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA
R9002	VRS-CZ1JF272FY	R	2.7k 1/16W Metal Oxide (LC-45D40U)	AA	R9615	VRS-CZ1JF823JY	R	82k 1/16W Metal Oxide	AA
R9004	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R9616	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R9005	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R9619	VRS-CZ1JF153FY	R	15k 1/16W Metal Oxide	AA
R9006	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R9624	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA
R9007	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA	R9625	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA
R9009	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide (LC-45D40U)	AA	R9626	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA
R9010	VRS-CZ1JF182JY	R	1.8k 1/16W Metal Oxide	AA	R9628	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA
R9011	VRS-CZ1JF182JY	R	1.8k 1/16W Metal Oxide	AA	R9629	VRS-CZ1JF224JY	R	220k 1/16W Metal Oxide	AA
R9012	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R9630	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R9013	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R9631	VRS-CZ1JF392FY	R	3.9k 1/16W Metal Oxide	AA
R9014	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R9633	VRS-CZ1JF682JY	R	6.8k 1/16W Metal Oxide	AA
R9015	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R9634	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R9018	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	R9635	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA
R9019	VRS-CZ1JF272FY	R	2.7k 1/16W Metal Oxide (LC-45D40U)	AA	R9636	VRS-CZ1JF682FY	R	6.8k 1/16W Metal Oxide	AA
R9021	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide (LC-45D40U)	AB	R9637	VRS-CZ1JF100JY	R	10 1/16W Metal Oxide	AA
R9022	VRS-CZ1JF104FY	R	100k 1/16W Metal Oxide (LC-45D40U)	AB	R9638	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA
R9023	VRS-CZ1JF124FY	R	120k 1/16W Metal Oxide (LC-45D40U)	AA	R9639	VRS-CZ1JF224JY	R	220k 1/16W Metal Oxide	AA
R9027	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide (LC-45D40U)	AB	R9640	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R9028	VRS-CZ1JF104FY	R	100k 1/16W Metal Oxide (LC-45D40U)	AB	R9641	VRS-CZ1JF682FY	R	6.8k 1/16W Metal Oxide	AA
R9029	VRS-CZ1JF124FY	R	120k 1/16W Metal Oxide (LC-45D40U)	AA	R9642	VRS-CZ1JF823JY	R	82k 1/16W Metal Oxide	AA
R9030	VRS-CZ1JF000JY	R	0 1/16W Metal Oxide	AA	R9643	VRS-CZ1JF682JY	R	6.8k 1/16W Metal Oxide	AA
R9031	VRS-CZ1JF000JY	R	0 1/16W Metal Oxide	AA	R9644	VRS-CZ1JF101JY	R	100 1/16W Metal Oxide	AA
R9103	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R9645	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R9105	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	R9646	VRS-CZ1JF103FY	R	10k 1/16W Metal Oxide	AB
R9106	VRS-CH1JF470JY	R	47 1/16W Metal Oxide	AA	R9647	VRS-CZ1JF100JY	R	10 1/16W Metal Oxide	AA
R9108	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	R9701	VRS-CZ1JF273FY	R	27k 1/16W Metal Oxide	AA
R9109	VRS-CH1JF470JY	R	47 1/16W Metal Oxide	AA	R9702	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA
R9111	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	R9703	VRS-CZ1JF473FY	R	47k 1/16W Metal Oxide	AA
R9113	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	R9704	VRS-CZ1JF223FY	R	22k 1/16W Metal Oxide	AA
R9115	VRS-CH1JF472JY	R	4.7k 1/16W Metal Oxide	AA	R9705	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA
R9116	VRK-CD1JJ470JY	R	47 1/16W Metal Composition	AC	R9712	VRS-CZ1JF183FY	R	18k 1/16W Metal Oxide	AA
R9117	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	R9713	VRS-CZ1JF333JY	R	33k 1/16W Metal Oxide	AA
R9122	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	R9714	VRS-CZ1JF183FY	R	18k 1/16W Metal Oxide	AA
R9123	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	R9715	VRS-CZ1JF333JY	R	33k 1/16W Metal Oxide	AA
R9124	VRS-CZ1JF102JY	R	1k 1/16W Metal Oxide	AA	SC1101	QCNCWA251WJZZYR		Connector, 23Pin	AH
R9130	VRS-CZ1JF472JY	R	4.7k 1/16W Metal Oxide	AA	SC1102	QCNCWA251WJZZYR		Connector, 23Pin	AH
R9201	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	SC1301	QCNCWA251WJZZYR		Connector, 23Pin	AH
R9202	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	SC1501	QSOCZA072WJZZQ R		Socket, 23Pin	AH
R9205	VRS-CZ1JF000JY	R	0 1/16W Metal Oxide	AA	SC1502	QSOCZA072WJZZQ R		Socket, 23Pin	AH
R9209	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	SC8701	QSOCZA050WJZZY R		Socket, 12Pin	AH
R9224	VRK-CD1JJ470JY	R	47 1/16W Metal Composition	AC	TH2001	VHMH1103J03-1Y	R	Thermistor	AC
R9225	VRK-CD1JJ470JY	R	47 1/16W Metal Composition	AC	X1401	RCRSCA045WJZZY R		Crystal, CRSCA045WJ	AG
R9226	VRS-CZ1JF390JY	R	39 1/16W Metal Oxide	AA	X1402	RCRSCA090WJZZY R		Crystal, CRSCA090WJ	AG
R9227	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	X1501	RCRSCA108WJZZY R		Crystal, CRSCA108WJ	AF
R9228	VRS-CZ1JF470JY	R	47 1/16W Metal Oxide	AA	X3301	RCRSC0170TAZZY R		Crystal, CRSC0170TA	AG
R9229	VRS-CZ1JF000JY	R	0 1/16W Metal Oxide	AA	X8401	RCRSCA086WJZZY R		Crystal, CRSCA086WJ	AG
R9302	VRK-CD1JJ103JY	R	10k 1/16W Metal Composition	AC	X8601	RCRSCA094WJZZY R		Crystal, CRSCA094WJ	AG
R9303	VRS-CZ1JF103JY	R	10k 1/16W Metal Oxide	AA	QCNCW-E257WJQZ		R	Connecting Cord (LC-37D40U)	AH
					QCNCW-E258WJQZ		R	Connecting Cord(LA) (LC-37D40U)	AG
					QCNCW-E266WJQZ		R	Connecting Cord(LA) (LC-37D40U)	AF
					QCNCW-E267WJQZ		X	Connecting Cord(LB) (LC-37D40U)	AG
					QCNCW-E278WJQZ		R	Connecting Cord(SH) (LC-37D40U)	AH
					QCNCW-E279WJQZ		R	Connecting Cord(SH) (LC-45D40U)	AK
					QCNCW-E286WJQZ		X	Connecting Cord(SP) (LC-37D40U)	AH
					QCNCW-E386WJQZ		R	Connecting Cord(KM) (LC-45D40U)	AF
					QCNCW-E387WJQZ		X	Connecting Cord(LB) (LC-45D40U)	AH

Ref. No.	Part No.	★	Description	Code
DUNTKD640FM06/07 (LC-37/45D40U)				
MAIN Unit (Continued)				

QCNW-E391WJQZ	X	Connecting Cord(SP) (LC-45D40U)	AK
QCNW-E398WJQZ	R	Connecting Cord (LC-45D40U)	AN
QCNW-E439WJQZ	X	Connecting Cord(LA) (LC-37D40U)	AH
QCNW-E440WJQZ	X	Connecting Cord(LA) (LC-45D40U)	AP
QCNW-E249WJPZ	R	Connecting Cord(COAXIAL)	AH
QCNW-E465WJQZ	R	Connecting Cord (LC-45D40U)	AH
QCNW-E537WJQZ	X	Connecting Cord(LV)	BA

Ref. No.	Part No.	★	Description	Code
DUNTKD641FM06/07 (LC-37/45D40U)				
LED Unit				

C101	VCERMZ1CN107MY	R	100	16V	Capacitor(AL)	AD
C102	VCKYTV1CF225ZY	R	2.2	16V	Ceramic	AB
C103	VCKYCY1HF103ZY	R	0.01	50V	Ceramic	AA
C104	VCEASX1CN106MY	R	10	16V	Electrolytic	AC
D101	RH-EXA092WJZZY	R			Zener Diode	AB
D102	RH-PXA089WJZZY	R			CL-196YG-CD-T	AC
D103	RH-PX0421CEZZY	R			CL-165HR/YG-D-T	AD
IC101	VHiTPS850++-1Y	R			TPS850	AG
P101	QPLGNA331WJZZY	R			Plug, 11Pin	AD
Q101	VS2SC3928AR-1Y	R			2SC3928A	AB
Q102	VS2SC3928AR-1Y	R			2SC3928A	AB
R101	VRS-CY1JF101JY	R	100	1/16W	Metal Oxide	AA
R103	VRS-CY1JF000JY	R	0	1/16W	Metal Oxide	AA
R104	VRS-CY1JF273JY	R	27k	1/16W	Metal Oxide	AA
R106	VRS-CY1JF221JY	R	220	1/16W	Metal Oxide	AA
R107	VRS-CY1JF103JY	R	10k	1/16W	Metal Oxide	AA
R109	VRS-CY1JF161JY	R	160	1/16W	Metal Oxide	AA
R115	VRS-CY1JF000JY	R	0	1/16W	Metal Oxide	AA
RMC101	RRMCUA053WJZZ	R			Remote Receiver	AE
SLD101	PSLDM4646CEFW	R			Shield	AD

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD643FM06/07 (LC-37/45D40U)									
IF Unit									
C501	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2729	VCKYTV1EB474KY	R 0.47	25V Ceramic	AC
C502	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2730	VCKYTV1EB474KY	R 0.47	25V Ceramic	AC
C503	RC-KZA237WJZZY	R 10	16V Ceramic	AB	C2731	VCKYCY1HB104KY	R 0.1	50V Ceramic	AA
C504	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2732	VCKYCY1HB104KY	R 0.1	50V Ceramic	AA
C505	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2733	VCCCCY1HH151JY	R 150p	50V Ceramic	AA
C506	RC-KZA237WJZZY	R 10	16V Ceramic	AB	C2734	VCCCCY1HH151JY	R 150p	50V Ceramic	AA
C507	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2735	VCKYCY1HF223ZY	R 0.022	50V Ceramic	AB
C508	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2736	VCERML1CN476MY	R 47	16V Capacitor(AL)	AC
C509	RC-KZA237WJZZY	R 10	16V Ceramic	AB	C2737	VCKYCY1HB104KY	R 0.1	50V Ceramic	AA
C510	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2738	VCKYCY1HB104KY	R 0.1	50V Ceramic	AA
C511	RC-KZA237WJZZY	R 10	16V Ceramic	AB	C2739	VCKYCY1HB104KY	R 0.1	50V Ceramic	AA
C512	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2740	VCKYCY1HB104KY	R 0.1	50V Ceramic	AA
C513	RC-KZA237WJZZY	R 10	16V Ceramic	AB	C2741	VCCCCY1HH151JY	R 150p	50V Ceramic	AA
C514	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2742	VCCCCY1HH151JY	R 150p	50V Ceramic	AA
C515	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2744	VCKYCY1HB103KY	R 0.01	50V Ceramic	AA
C516	VCKYTV1CB105KY	R 1	16V Ceramic	AC	C2745	VCKYCY1HB103KY	R 0.01	50V Ceramic	AA
C517	RC-KZA237WJZZY	R 10	16V Ceramic	AB	D501	RH-EX1400CEZZY	R	Zener Diode	AB
C518	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D502	RH-EX1400CEZZY	R	Zener Diode	AB
C519	VCKYCY1HB103KY	R 0.01	50V Ceramic	AA	D503	RH-EX1400CEZZY	R	Zener Diode	AB
C520	VCKYCY1HB103KY	R 0.01	50V Ceramic	AA	D504	RH-EX1400CEZZY	R	Zener Diode	AB
C521	VCKYCY1HB103KY	R 0.01	50V Ceramic	AA	D505	RH-EX1400CEZZY	R	Zener Diode	AB
C522	VCKYTV1CB105KY	R 1	16V Ceramic	AC	D506	RH-EX1400CEZZY	R	Zener Diode	AB
C523	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D507	RH-EX1400CEZZY	R	Zener Diode	AB
C524	VCAAPF1CJ396MY	R 39	16V Electrolytic	AF	D508	RH-EX1400CEZZY	R	Zener Diode	AB
C525	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D509	RH-EX1400CEZZY	R	Zener Diode	AB
C526	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D510	RH-EX1400CEZZY	R	Zener Diode	AB
C527	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D511	RH-EX1400CEZZY	R	Zener Diode	AB
C528	VCERML1CN226MY	R 22	16V Capacitor(AL)	AC	D512	VHDDAN217U+-1Y	R	DAN217UT106	AB
C529	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D513	VHDDAN217U+-1Y	R	DAN217UT106	AB
C530	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D514	VHDDAN217U+-1Y	R	DAN217UT106	AB
C532	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D515	VHDDAN217U+-1Y	R	DAN217UT106	AB
C536	VCKYCH1CB104KY	R 0.1	16V Ceramic	AB	D516	VHDDAN217U+-1Y	R	DAN217UT106	AB
C537	VCKYCH1CB104KY	R 0.1	16V Ceramic	AB	D517	VHDDAN217U+-1Y	R	DAN217UT106	AB
C538	VCKYCH1CB104KY	R 0.1	16V Ceramic	AB	D518	RH-EX1400CEZZY	R	Zener Diode	AB
C540	RC-KZA237WJZZY	R 10	16V Ceramic	AB	D519	RH-EX1400CEZZY	R	Zener Diode	AB
C541	VCKYCH1CB104KY	R 0.1	16V Ceramic	AB	D2701	VHDLi114+++1Y	R	LI114	AC
C543	VCKYCH1CB104KY	R 0.1	16V Ceramic	AB	D2702	VHDLi114+++1Y	R	LI114	AC
C544	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D2703	VHDLi114+++1Y	R	LI114	AC
C545	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D2704	VHDLi114+++1Y	R	LI114	AC
C546	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D2705	RH-EX1283CEZZY	R	Zener Diode	AB
C547	VCERMZ1CN107MY	R 100	16V Capacitor(AL)	AD	D2706	RH-EX1283CEZZY	R	Zener Diode	AB
C551	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D2707	RH-EX1283CEZZY	R	Zener Diode	AB
C552	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D2708	RH-EX1283CEZZY	R	Zener Diode	AB
C553	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	D2709	VHD1SS355/-1Y	R	1SS355	AB
C554	VCAAPF1CJ396MY	R 39	16V Electrolytic	AF	FB501	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C555	RC-KZA113WJZZY	R 4.7	16V Ceramic	AB	FB502	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C556	RC-KZA113WJZZY	R 4.7	16V Ceramic	AB	FB503	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C557	RC-KZA104WJZZY	R 1	25V Ceramic	AA	FB504	RBLN-0065TAZZY	R	Balun, BLN-0065TA	AA
C564	VCKYCH1CB104KY	R 0.1	16V Ceramic	AB	FB505	RBLN-0065TAZZY	R	Balun, BLN-0065TA	AA
C2703	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB506	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C2704	VCKYCY1HB222KY	R 2200p	50V Ceramic	AA	FB507	RBLN-0065TAZZY	R	Balun, BLN-0065TA	AA
C2705	VCKYCY1HB222KY	R 2200p	50V Ceramic	AA	FB508	RBLN-0065TAZZY	R	Balun, BLN-0065TA	AA
C2706	RC-KZA104WJZZY	R 1	25V Ceramic	AA	FB509	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C2707	RC-KZA104WJZZY	R 1	25V Ceramic	AA	FB510	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C2708	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB511	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C2709	RC-KZA104WJZZY	R 1	25V Ceramic	AA	FB512	RBLN-0065TAZZY	R	Balun, BLN-0065TA	AA
C2710	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB513	RBLN-0065TAZZY	R	Balun, BLN-0065TA	AA
C2711	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB514	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C2712	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB515	RBLN-0065TAZZY	R	Balun, BLN-0065TA	AA
C2713	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB516	RBLN-0065TAZZY	R	Balun, BLN-0065TA	AA
C2714	VCERMZ1EN227MY	R 220	25V Capacitor(AL)	AE	FB517	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C2715	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB518	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C2717	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB519	RBLN-A204WJZZY	X	Balun, BLN-A204WJ	AA
C2720	VCERMZ1EN227MY	R 220	25V Capacitor(AL)	AE	FB520	RBLN-0039TAZZY	R	Balun, BLN-0039TA	AB
C2721	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB2701	RBLN-0237TAZZY	R	Balun, BLN-0237TA	AB
C2722	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB2702	RBLN-0237TAZZY	R	Balun, BLN-0237TA	AB
C2723	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB2703	RBLN-0237TAZZY	R	Balun, BLN-0237TA	AB
C2724	VCKYCY1EF104ZY	R 0.1	25V Ceramic	AA	FB2706	RBLN-A049WJZZY	X	Balun, BLN-A049WJ	AA
C2725	VCKYTV1EB474KY	R 0.47	25V Ceramic	AC	FB2709	RBLN-0064TAZZY	R	Balun, BLN-0064TA	AB
C2726	VCKYTV1EB474KY	R 0.47	25V Ceramic	AC	FB2710	RBLN-0064TAZZY	R	Balun, BLN-0064TA	AB
C2727	VCKYTV1EB474KY	R 0.47	25V Ceramic	AC	FB2711	RBLN-0064TAZZY	R	Balun, BLN-0064TA	AB
C2728	VCKYTV1EB474KY	R 0.47	25V Ceramic	AC	FB2712	RBLN-0064TAZZY	R	Balun, BLN-0064TA	AB
					IC501	VHiMM1630CQ-1Q	R	MM1630CQ	AS
					IC2701	VHiTA2024+-1Y	R	TA2024	AX
					J501	QTANJA092WJZZ	X	Terminal, 21Pin	AG
					J502	QTANJA093WJZZ	X	Terminal, 18Pin	AG

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKD643FM06/07 (LC-37/45D40U)									
IF Unit (Continued)									
J503	QSOCD A020WJZZ	R	Socket, 6Pin	AC	R559	VRS-CJ1JF470JY	R 47	1/16W Metal Oxide	AA
L2701	RCiLPA001WJZZY	R	Coil, CiLPA001WJ	AF	R561	VRS-CY1JF223JY	R 22k	1/16W Metal Oxide	AA
L2702	RCiLPA001WJZZY	R	Coil, CiLPA001WJ	AF	R562	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA
L2703	RCiLPA001WJZZY	R	Coil, CiLPA001WJ	AF	R563	VRS-CY1JF223JY	R 22k	1/16W Metal Oxide	AA
L2704	RCiLPA001WJZZY	R	Coil, CiLPA001WJ	AF	R564	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA
LUG501	QLUGHA006WJZZY	R	Lug	AC	R565	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA
LUG2701	QLUGHA006WJZZY	R	Lug	AC	R566	VRS-CY1JF223JY	R 22k	1/16W Metal Oxide	AA
LUG2702	QLUGHA006WJZZY	R	Lug	AC	R567	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA
P502	QPLGNA345WJZZY	R	Plug, 11Pin	AD	R568	VRS-CY1JF223JY	R 22k	1/16W Metal Oxide	AA
P2703	QPLGNA173WJZZY	R	Plug, 4Pin	AD	R570	VRS-CY1JF331JY	R 330	1/16W Metal Oxide	AA
P2704	QCNCMA250WJZZ	R	Connector, 23Pin	AE	R571	VRS-CY1JF331JY	R 330	1/16W Metal Oxide	AA
Q501	VS2SA1530AR-1Y	R	2SA1530AR	AB	R572	VRS-CY1JF000JY	R 0	1/16W Metal Oxide	AA
Q502	VS2SC3928AR-1Y	R	2SC3928AR	AB	R573	VRS-TV1JD102JY	R 1k	1/16W Metal Oxide	AA
Q503	VS2SA1530AR-1Y	R	2SA1530AR	AB	R574	VRS-CY1JF820JY	R 82	1/16W Metal Oxide	AA
Q504	VS2SC3928AR-1Y	R	2SC3928AR	AB	R576	VRS-CY1JF331JY	R 330	1/16W Metal Oxide	AA
Q505	VS2SA1530AR-1Y	R	2SA1530AR	AB	R577	VRS-CY1JF331JY	R 330	1/16W Metal Oxide	AA
Q506	VS2SC3928AR-1Y	R	2SC3928AR	AB	R578	VRS-CY1JF000JY	R 0	1/16W Metal Oxide	AA
Q507	VSDTC314TK/-1Y	R	DTC314TK	AC	R579	VRS-TV1JD102JY	R 1k	1/16W Metal Oxide	AA
Q508	VSDTC314TK/-1Y	R	DTC314TK	AC	R580	VRS-CY1JF820JY	R 82	1/16W Metal Oxide	AA
Q509	VS2SA1530AR-1Y	R	2SA1530AR	AB	R582	VRS-CY1JF331JY	R 330	1/16W Metal Oxide	AA
Q2701	VSDTC314TK/-1Y	R	DTC314TK	AC	R583	VRS-CY1JF331JY	R 330	1/16W Metal Oxide	AA
Q2702	VS2SC3928AR-1Y	R	2SC3928AR	AB	R584	VRS-CY1JF000JY	R 0	1/16W Metal Oxide	AA
R501	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA	R585	VRS-TV1JD102JY	R 1k	1/16W Metal Oxide	AA
R502	VRS-CY1JF102JY	R 1k	1/16W Metal Oxide	AA	R586	VRS-CY1JF820JY	R 82	1/16W Metal Oxide	AA
R503	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA	R587	VRS-CY1JF561JY	R 560	1/16W Metal Oxide	AA
R504	VRS-CY1JF102JY	R 1k	1/16W Metal Oxide	AA	R588	VRS-CY1JF561JY	R 560	1/16W Metal Oxide	AA
R505	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA	R589	VRS-CY1JF564JY	R 560k	1/16W Metal Oxide	AA
R506	VRS-CY1JF102JY	R 1k	1/16W Metal Oxide	AA	R590	VRS-CY1JF564JY	R 560k	1/16W Metal Oxide	AA
R507	VRS-CY1JF221JY	R 220	1/16W Metal Oxide	AA	R591	VRS-CJ1JF102JY	R 1k	1/16W Metal Oxide	AA
R508	VRS-CY1JF104JY	R 100k	1/16W Metal Oxide	AA	R592	VRS-CY1JF473JY	R 47k	1/16W Metal Oxide	AA
R509	VRS-CY1JF221JY	R 220	1/16W Metal Oxide	AA	R593	VRS-CY1JF473JY	R 47k	1/16W Metal Oxide	AA
R510	VRS-CY1JF104JY	R 100k	1/16W Metal Oxide	AA	R594	VRS-CY1JF332JY	R 3.3k	1/16W Metal Oxide	AA
R511	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA	R604	VRS-CY1JF000JY	R 0	1/16W Metal Oxide	AA
R512	VRS-CY1JF221JY	R 220	1/16W Metal Oxide	AA	R2701	VRS-CY1JF103FY	R 10k	1/16W Metal Oxide	AA
R513	VRS-CY1JF104JY	R 100k	1/16W Metal Oxide	AA	R2702	VRS-CY1JF103FY	R 10k	1/16W Metal Oxide	AA
R514	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA	R2703	VRS-TV1JD000JY	R 0	1/16W Metal Oxide	AA
R515	VRS-CY1JF221JY	R 220	1/16W Metal Oxide	AA	R2704	VRS-CY1JF822FY	R 8.2k	1/16W Metal Oxide	AA
R516	VRS-CY1JF104JY	R 100k	1/16W Metal Oxide	AA	R2705	VRS-CY1JF333JY	R 33k	1/16W Metal Oxide	AA
R517	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA	R2706	VRS-CY1JF183FY	R 18k	1/16W Metal Oxide	AA
R518	VRS-CY1JF102JY	R 1k	1/16W Metal Oxide	AA	R2707	VRS-CY1JF223FY	R 22k	1/16W Metal Oxide	AA
R519	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA	R2708	VRS-CY1JF183FY	R 18k	1/16W Metal Oxide	AA
R520	VRS-CY1JF102JY	R 1k	1/16W Metal Oxide	AA	R2709	VRS-CY1JF223FY	R 22k	1/16W Metal Oxide	AA
R521	VRS-CY1JF221JY	R 220	1/16W Metal Oxide	AA	R2710	VRS-TV1JD000JY	R 0	1/16W Metal Oxide	AA
R522	VRS-CY1JF104JY	R 100k	1/16W Metal Oxide	AA	R2712	VRS-CY1JF105FY	R 1M	1/16W Metal Oxide	AA
R523	VRS-CY1JF221JY	R 220	1/16W Metal Oxide	AA	R2713	VRS-TW2HF100JY	R 10	1/2W Metal Oxide	AA
R524	VRS-CY1JF104JY	R 100k	1/16W Metal Oxide	AA	R2714	VRS-TW2HF100JY	R 10	1/2W Metal Oxide	AA
R525	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA	R2715	VRS-CY1JF102FY	R 1k	1/16W Metal Oxide	AA
R526	VRS-CY1JF221JY	R 220	1/16W Metal Oxide	AA	R2716	VRS-CY1JF104JY	R 100k	1/16W Metal Oxide	AA
R527	VRS-CY1JF104JY	R 100k	1/16W Metal Oxide	AA	SC501	QCNCMA250WJZZ	R	Connector, 23Pin	AE
R528	VRS-CY1JF104JY	R 100k	1/16W Metal Oxide	AA	SC502	QCNCMA250WJZZ	R	Connector, 23Pin	AE
R529	VRS-CY1JF221JY	R 220	1/16W Metal Oxide	AA	T2701	RRLYDA002WJZZY	R	Relay	AK
R530	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA		QCNCW-E265WJQZ	X	Connecting Cord(RA) (LC-37D40U)	AK
R531	VRS-CY1JF102JY	R 1k	1/16W Metal Oxide	AA		QCNCW-E385WJQZ	X	Connecting Cord(RA) (LC-45D40U)	AL
R532	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA					
R533	VRS-CY1JF274JY	R 270k	1/16W Metal Oxide	AA					
R534	VRS-CY1JF103JY	R 10k	1/16W Metal Oxide	AA					
R535	VRS-TQ2BD750JY	R 75	1/8W Metal Oxide	AA					
R536	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA					
R537	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA					
R538	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA					
R539	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA					
R540	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA					
R541	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA					
R542	VRS-CY1JF103JY	R 10k	1/16W Metal Oxide	AA					
R548	VRS-CY1JF220JY	R 22	1/16W Metal Oxide	AA					
R549	VRS-CY1JF220JY	R 22	1/16W Metal Oxide	AA					
R550	VRS-CY1JF220JY	R 22	1/16W Metal Oxide	AA					
R554	VRS-CY1JF220JY	R 22	1/16W Metal Oxide	AA					
R555	VRS-CY1JF220JY	R 22	1/16W Metal Oxide	AA					
R556	VRS-CY1JF220JY	R 22	1/16W Metal Oxide	AA					
R557	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA					
R558	VRS-CY1JF101JY	R 100	1/16W Metal Oxide	AA					

Ref. No.	Part No.	★	Description	Code
DUNTKD716FM06/07 (LC-37/45D40U)				
KEY Unit				

D151	RH-EX0646GEZZY	R	Zener Diode	AA
D152	RH-EX0646GEZZY	R	Zener Diode	AA
D155	RH-EX0646GEZZY	R	Zener Diode	AA
P151	QPLGNA058WJZZ	R	Plug, 4Pin	AC
R151	VRD-RA2BE822JY	R	8.2k 1/8W Carbon	AA
R152	VRD-RA2BE123JY	R	12k 1/8W Carbon	AA
R153	VRD-RA2BE822JY	R	8.2k 1/8W Carbon	AA
S151	QSW-K0003AJZZ+	R	Switch, CH-UP	AB
S152	QSW-K0003AJZZ+	R	Switch, CH-DOWN	AB
S153	QSW-K0003AJZZ+	R	Switch, INPUT	AB
S154	QSW-K0003AJZZ+	R	Switch, VOL-UP	AB
S155	QSW-K0003AJZZ+	R	Switch, VOL-DOWN	AB
S157	QSW-K0003AJZZ+	R	Switch, POWER	AB

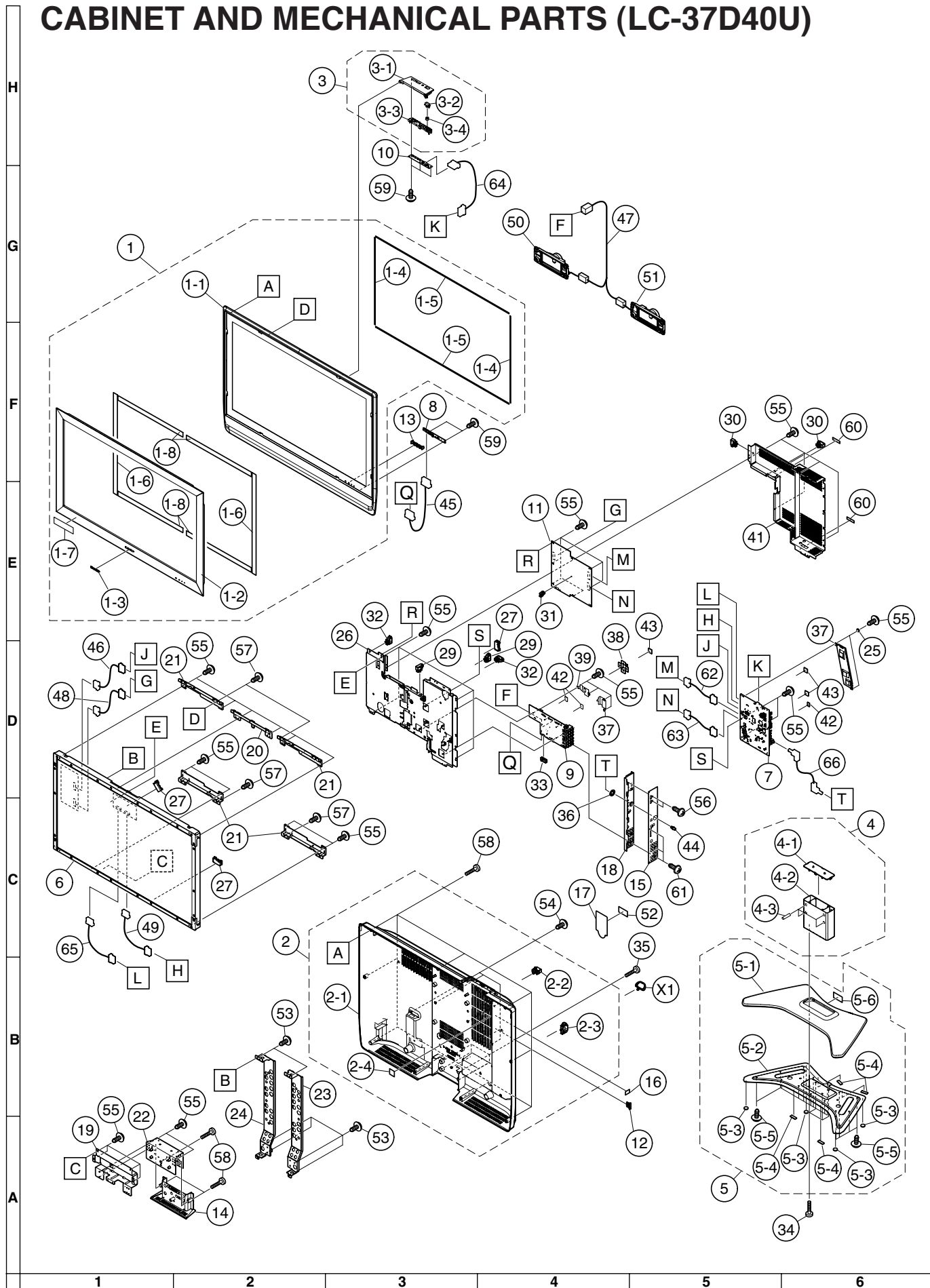
Ref. No.	Part No.	★	Description	Code
DUNTKD726FM07 (LC-45D40U only)				
AC INLET Unit				

△ C7801	RC-FZ029SCEZZ	R	0.22 275V	AD
△ C7802	RC-KZ0091GEZZA	X	2200p 250V Ceramic	AC
△ C7803	RC-KZ0091GEZZA	X	2200p 250V Ceramic	
△ C7804	RC-KZ0091GEZZA	X	2200p 250V Ceramic	
△ C7805	RC-KZ0091GEZZA	X	2200p 250V Ceramic	
△ C7810	RC-FZ029SCEZZ	R	0.22 275V	AD
△ F7801	QFS-DA013WJZZ	R	Fuse, 8A, 250V	AF
	FH7801 QFSDH1013CEZZ+	R	Fuse Holder	AC
	FH7802 QFSDH1014CEZZ+	R	Fuse Holder	AC
	HM7801 LX-GZ3001PEZZ	R	Screw	AB
	HM7802 LX-GZ3001PEZZ	R	Screw	AB
	HM7803 LX-GZ3001PEZZ	R	Screw	AB
	HM7804 LX-GZ3001PEZZ	R	Screw	AB
	HM7805 LX-GZ3001PEZZ	R	Screw	AB
	HM7806 LX-GZ3001PEZZ	R	Screw	AB
	HM7807 LX-GZ3001PEZZ	R	Screw	AB
	HM7808 LX-GZ3001PEZZ	R	Screw	AB
△ L7801	RCiLFA216WJQZ	R	Coil, CiLFA216WJQZ	AM
△ L7802	RCiLFA216WJQZ	R	Coil, CiLFA216WJQZ	AM
	LUG7801 QLUGHA002WJZZ	R	Lug	AB
	LUG7802 QLUGHA002WJZZ	R	Lug	AB
	LUG7803 QLUGHA002WJZZ	R	Lug	AB
	LUG7804 QLUGHA002WJZZ	R	Lug	AB
	P7802 QPLGN0269GEZZ	R	Plug, 2Pin	AB
△ R7801	RR-HZ0008GEZZY	R		AE
△ R7802	RR-HZ0008GEZZY	R		AE
△ R7803	RR-HZA011WJZZY	X	560k 1W	AD
△ SC7801	QSOC AA003WJZZ	R	Socket, 2Pin	AD
△ SG7801	QSPGCA003WJZZ	R	Spark Gap	AH
△ VA7801	RH-VXA018WJN1	R	Varistor, ENC471D-10AS	AD
△ VA7802	RH-VXA018WJN1	R	Varistor, ENC471D-10AS	AD
	LANGQA027WJFW	R	Fixing Metal	AE
	LX-BZA044WJFU	R	Screw	AA
	QCNW-E466WJQZ	X	Connecting Cord	AH

This image shows a full page of a handwriting practice worksheet. It consists of multiple sets of three horizontal dashed lines, providing a guide for letter height and placement. The lines are evenly spaced across the entire page, which is otherwise blank.

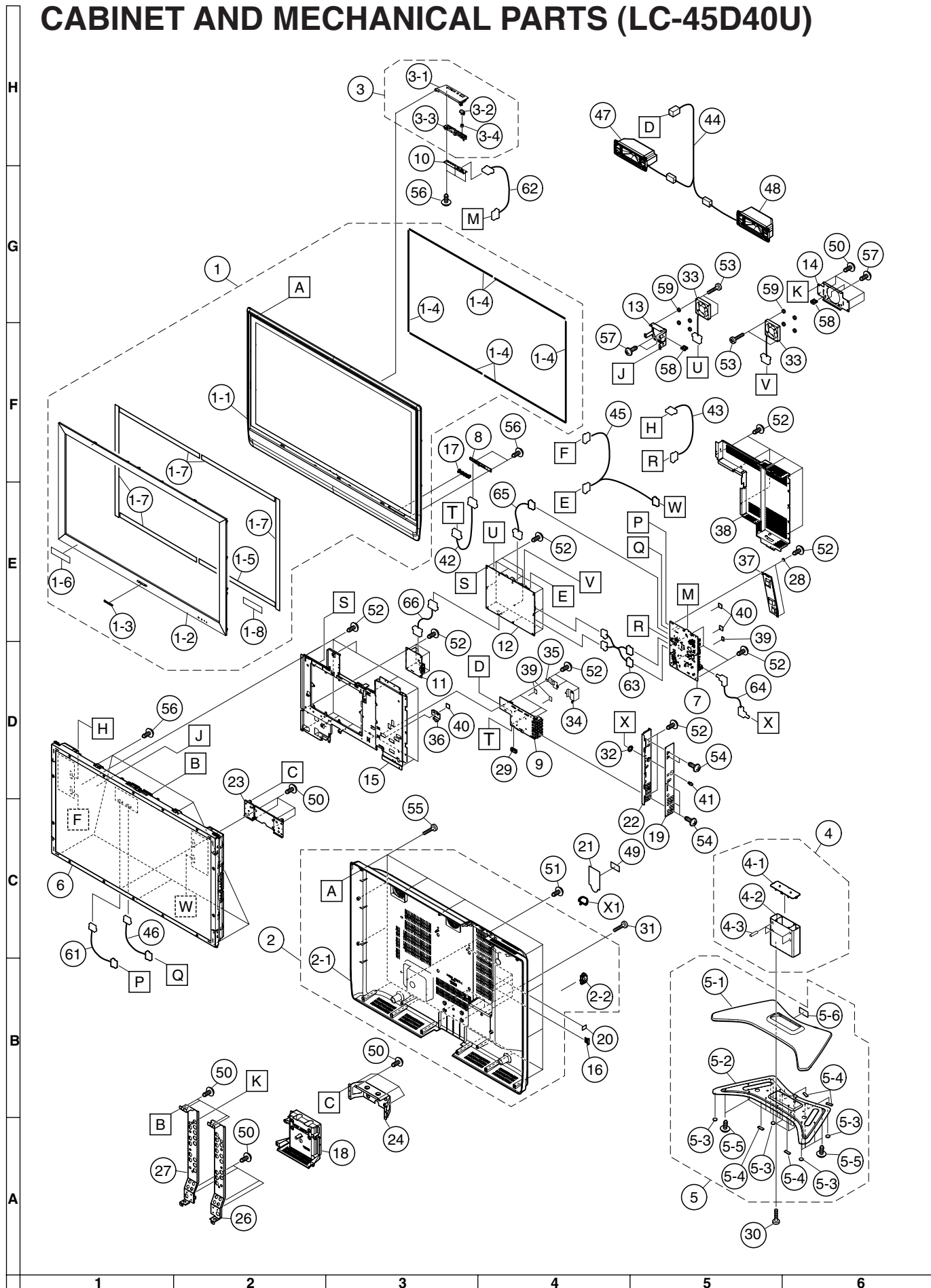
Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
CABINET AND MECHANICAL PARTS (LC-37D40U)									
1	CCABAB259WJ01	X	Front Cabinet Ass'y	BR	43	PSPA700WJKZ	X	Spacer (Cool Sheet), x3	AD
1-1	Not Available	—	Front Cabinet	—	44	QCNCWA496WJZZ	R	Connector (F-RCA)	AK
1-2	Not Available	—	Front Cover	—	45	QCNCW-E265WJQZ	R	Connecting Cord (RA)	AK
1-3	Not Available	—	Badge, SHARP	—	46	QCNCW-E267WJQZ	X	Connecting Cord (LB)	AG
1-4	PSPA416WJZZ	X	Mask Spacer, x2	AC	47	QCNCW-E286WJQZ	X	Connecting Cord (SP)	AH
1-5	Not Available	—	Mask Spacer, x2	—	48	QCNCW-E439WJQZ	X	Connecting Cord (LA)	AH
1-6	Not Available	—	Spacer, x2	—	49	QCNCW-E537WJPZ	X	Connecting Cord (LV)	BA
1-7	Not Available	—	POP Label	—	50	RSP-ZA166WJZZ	X	Speaker L	AU
1-8	Not Available	—	Spacer, x4	—	51	RSP-ZA167WJZZ	X	Speaker R	AU
					52	Not Available	—	No. Label	—
2	CCABBA726WJ01	X	Rear Cabinet Ass'y	BQ	53	XBBS740P06000	X	Screw (for Angle), x6	AA
2-1	Not Available	—	Rear Cabinet	—	54	XBBS930P06000	X	Screw (for Cab-B), x5	AA
2-2	LHLDWA055WJKZ	X	Wire Holder (for AC-code)	AC	55	XBPS730P06WS0	X	Screw (for Angle, PWB), x39	AB
2-3	LHLDWA131WJKZ	X	Wire Holder	AF	56	XBPS930P08000	X	Screw (for HDMI), x2	AA
2-4	Not Available	—	Spacer	—	57	XEBS940P10000	X	Screw (for Panel), x4	AB
3	CCOVAB497WJ01	X	Top Cover Ass'y	BD	58	XEBS940P16000	X	Screw (for Cab-B), x12	AA
3-1	Not Available	—	Top Cover	—	59	XEBSN30P10000	X	Screw (for PWB), x5	AA
3-2	JBTN-A429WJKA	X	Power Button	AD	60	Not Available	—	Tape	—
3-3	Not Available	—	Operation Button	—	61	XEBS930P08000	X	Screw, x3	AA
3-4	MSPRCA049WJFW	X	Power Button Spring	AD	62	QCNCW-E257WJQZ	R	Connecting Cord (PE)	AH
4	CDAi-A247WJ03	X	Stand Support Ass'y	AZ	63	QCNCW-E258WJQZ	R	Connecting Cord (PD)	AG
4-1	Not Available	—	Support Cover	—	64	QCNCW-E266WJQZ	R	Connecting Cord (KM)	AF
4-2	Not Available	—	Stand Support	—	65	QCNCW-E278WJQZ	R	Connecting Cord (SH)	AH
4-3	Not Available	—	Screw Guide, x4	—	66	QCNCW-E249WJPZ	R	Connecting Cord (COAXIAL)	AH
5	CDAi-A246WJ09	X	Stand Base Ass'y	AY					
5-1	Not Available	—	Stand Base Cover	—					
5-2	Not Available	—	Base Angle	—					
5-3	Not Available	—	LEG Cushion-A, x4	—					
5-4	Not Available	—	LEG Cushion-B, x4	—					
5-5	XEBS740P10000	X	Screw, x14	AB					
5-6	Not Available	—	Stand Label	—					
6	R1LK370T3LZ5BY	X	37" WIDE LCD Panel Module Unit	FD					
7	DUNTKD640FM06	—	MAIN Unit	—					
8	DUNTKD641FM06	—	LED Unit	—					
9	DUNTKD643FM06	—	IF Unit	—					
10	DUNTKD716FM06	—	KEYUnit	—					
11	RDENCA161WJQZ	X	POWER Unit	BQ					
12	GCOVAA678WJKA	X	SD Card Cover	AG					
13	GCOVAB501WJSA	X	LED Cover	AE					
14	GCOVAB507WJKA	X	Stand Cover	AU					
15	HINDPB603WJSA	X	Jack Indicator	AK					
16	HINDPB715WJSA	X	Terminal Label	AF					
17	HINDPB737WJSA	X	MODEL Label	AH					
18	LANGKA644WJFW	X	Jack Angle Long	AL					
19	LANGKA649WJFW	X	Stand Fix Angle	AR					
20	LANGKA655WJFW	X	Center Asist Angle	AH					
21	LANGKA663WJFW	X	Rug Angle, x4	AK					
22	LANGTA266WJFW	X	Stand Asist Angle	AR					
23	LANGTA291WJFW	X	Center Angle-R	AR					
24	LANGTA292WJFW	X	Center Angle-L	AR					
25	LBSHZA005WJZZ	X	Clip, x2	AB					
26	LCHSMA286WJFW	X	Chassis	AX					
27	LHLDW1173CEZZ	X	Wire Holder, x3	AE					
29	LHLDWA043WJKZ	X	Wire Holder (for Shield), x2	AC					
30	LHLDWA043WJKZ	X	Wire Holder (for Shassis), x2	AC					
31	LHLDWA048WJKZ	X	Wire Holder (for POWER Unit)	AB					
32	LHLDWA092WJZZ	X	Wire Holder (for Shassis), x2	AB					
33	LHLDWA096WJKZ	X	Wire Holder (for IF Unit)	AD					
34	Not Available	—	Screw (for Stand Ass'y), x4	—					
35	Not Available	—	Screw (for Stand), x4	—					
36	LX-NZ3047GEZZ	X	Hexagonal Nut	AB					
37	PRDARA192WJFW	X	Hest Sink (for AV Switch)	AE					
38	PRDARA204WJFW	X	Hest Sink (for AMP-Bottom)	AE					
39	PRDARA312WJFW	X	Hest Sink (for AMP-Top)	AE					
40	PRDARA330WJFW	X	Hest Sink (for MAIN Unit)	AM					
41	PSLDMA910WJFW	X	MAIN Shield	AV					
42	PSPA700WJKZ	X	Spacer (Cool Sheet), x3	AC					

CABINET AND MECHANICAL PARTS (LC-37D40U)



Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
CABINET AND MECHANICAL PARTS									
(LC-45D40U)									
1	CCABAB285WJ01	X	Front Cabinet Ass'y	BT	44	QCNCW-E391WJQZ	X	Connecting Cord (SP)	AK
1-1	Not Available	—	Front Cabinet	—	45	QCNCW-E440WJQZ	X	Connecting Cord (LA)	AP
1-2	Not Available	—	Front Cover	—	46	QCNCW-E537WJPZ	X	Connecting Cord (LV)	BA
1-3	Not Available	—	Badge, SHARP	—	47	RSP-ZA166WJZZ	X	Speaker L	AU
1-4	PSPAHA416WJZZ	X	Mask Spacer, x6	AC	48	RSP-ZA167WJZZ	X	Speaker R	AU
1-5	Not Available	—	Spacer	—	49	Not Available	—	No. Label	—
1-6	Not Available	—	POP Label	—	50	XBBS740P06000	X	Screw (for Angle), x20	AA
1-7	Not Available	—	Spacer, x5	—	51	XBBS930P06000	X	Screw (for Cab-B), x4	AA
1-8	Not Available	—	Spacer	—	52	XBPS730P06WS0	X	Screw (for Angle, PWB), x46	AB
2	CCABBA750WJ01	X	Rear Cabinet Ass'y	BS	53	XBPS730P20JS0	X	Screw (for Fan), x4	AB
2-1	Not Available	—	Rear Cabinet	—	54	XBPS930P08000	X	Screw (for HDMI,Jack), x5	AA
2-2	LHLDWA131WJKZ	X	Wire Holder	AF	55	XEBS940P20000	X	Screw (for Cab-B), x16	AA
3	CCOVAB497WJ01	X	Top Cover Ass'y	BD	56	XEBSN30P10000	X	Screw (for Angle), x10	AA
3-1	Not Available	—	Top Cover	—	57	XBPS730P08WS0	X	Screw, x4	AA
3-2	JBTN-A429WJKA	X	Power Button	AD	58	LHLDWA123WJKZ	X	Wire Holder, x2	AB
3-3	Not Available	—	Operation Button	—	59	PSPAGA329WJ00	X	Spacer, x8	AB
3-4	MSPRCA049WJFW	X	Power Button Spring	AD	61	QCNCW-E279WJQZ	R	Connecting Cord (SH)	AK
4	CDAi-A264WJ01	X	Stand Support Ass'y	BG	62	QCNCW-E386WJQZ	R	Connecting Cord (KM)	AF
4-1	Not Available	—	Support Cover	—	63	QCNCW-E398WJQZ	R	Connecting Cord (PD)	AN
4-2	Not Available	—	Stand Support	—	64	QCNCW-E249WJPZ	R	Connecting Cord (COAXIAL)	AH
4-3	Not Available	—	Screw Guide, x4	—	65	QCNCW-E465WJQZ	R	Connecting Cord (FD)	AH
5	CDAi-A246WJ09	X	Stand Base Ass'y	BC	66	QCNCW-E466WJQZ	X	Connecting Cord (AC)	AH
5-1	Not Available	—	Stand Base Cover	—					
5-2	Not Available	—	Base Angle	—					
5-3	Not Available	—	LEG Cushion-A, x4	—					
5-4	Not Available	—	LEG Cushion-B, x4	—					
5-5	XEBS740P10000	X	Screw, x14	AB					
5-6	Not Available	—	Stand Label	—					
6	R1LK445T3LZ10	X	45" WIDE LCD Panel Module Unit	GR					
7	DUNTKD640FM07	—	MAIN Unit	—					
8	DUNTKD641FM07	—	LED Unit	—					
9	DUNTKD643FM07	—	IF Unit	—					
10	DUNTKD716FM07	—	KEYUnit	—					
11	DUNTKD726FM07	—	AC Inlet Unit	—					
12	RDENCA166WJQZ	X	POWER Unit	BU					
13	CANGTA317WJ01	X	Fan Angle	AN					
14	CANGTA318WJ01	X	Fan Angle C	AP					
15	CCHSMA299WJ01	X	Tray Chasis Ass'y	BC					
16	GCOVAA678WJKA	X	SD Card Cover	AG					
17	GCOVAB501WJSA	X	LED Cover	AE					
18	GCOVAB593WJKA	X	Stand Bottom Cover	BD					
19	HINDPB603WJSA	X	Jack Indicator	AK					
20	HINDPB715WJSA	X	Terminal Label	AF					
21	HINDPB736WJSA	X	MODEL Label	AH					
22	LANGKA644WJFW	X	Jack Angle Long	AL					
23	LANGKA680WJN1	X	Stand Fix Angle	AQ					
24	LANGKA681WJFW	X	Stand Sub Angle	AR					
25	LANGQA027WJFW	X	AC Inlet Angle	AE					
26	LANGTA301WJM1	X	Center Angle-R	AS					
27	LANGTA302WJM1	X	Center Angle-L	AS					
28	LBSHZA005WJZZ	X	Clip, x2	AB					
29	LHLDWA096WJKZ	X	Wire Holder (for IF Unit)	AD					
30	Not Available	—	Screw (for Stand Ass'y), x4	—					
31	Not Available	—	Screw (for Stand), x4	—					
32	LX-NZ3047GEZZ	X	Hexiagonal Nut	AB					
33	NFANR0126CEZZ	X	Fan, x2	AR					
34	PRDARA192WJFW	X	Hest Sink (for AV2)	AE					
35	PRDARA312WJFW	X	Hest Sink (for AMP-Top)	AE					
36	PRDARA328WJFW	X	Hest Sink	AE					
37	PRDARA330WJFW	X	Hest Sink (for PWB)	AM					
38	PSLDMA910WJFW	X	MAIN Shield	AV					
39	PSPAZA635WJKZ	X	Spacer (Cool Sheet), x3	AC					
40	PSPAZA700WJKZ	X	Spacer (Cool Sheet), x3	AD					
41	QCNCWA496WJZZ	R	Connector (F-RCA)	AK					
42	QCNCW-E385WJQZ	R	Connecting Cord (RA)	AL					
43	QCNCW-E387WJQZ	X	Connecting Cord (LB)	AH					

CABINET AND MECHANICAL PARTS (LC-45D40U)

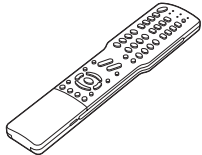
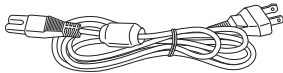

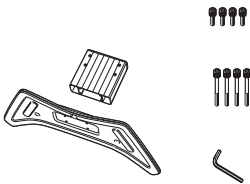
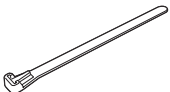
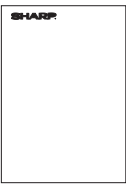


Ref. No.	Part No.	★	Description	Code
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SUPPLIED ACCESSORIES

(LC-37/45D40U)

X1	LHLDW0110CESD	X	Cable Clamp	AF
X2	LHLDWA083WJ00	X	Cable Band	AD
X3	CDAi-A246WJ20	X	Stand Ass'y (LC-37D40U)	BL
X3	CDAi-A246WJ21	X	Stand Ass'y (LC-45D40U)	BM
△ X4	QACCD A039WJPZ	X	AC Code	AR
X5	RRMCGA416WJSB	X	Remote Control Unit	AZ
X6	SSAKA0101GJZZ	X	Polyethylene Bag	AC
X7	TCAD E A126WJZZ	X	Enquete Card	AC
X8	TINS-C211WJZZ	X	Operation Manual	AX

X5 Remote control unit	X4 AC cord
	
X1 Cable Clamp	X3 Stand unit
	
X2 Cable Band	X8 Operation manual
	

Ref. No.	Part No.	★	Description	Code
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PACKING PARTS (NOT REPLACEMENT ITEM)

(LC-37D40U)

S1	SPAKCC436WJZZ	-	Packing Case	-
S3	SPAKFA916WJZZ	-	Packing Case (Stand)	-
S5	SPAKPA601WJZZ	-	Wrapping Paper A	-
S6	SPAKPA338WJZZ	-	Wrapping Paper (Monitor)	-
S7	SPAKPA602WJZZ	-	Wrapping Paper B	-
S8	SPAKXA957WJZZ	-	Packing Add.	-
S9	SPAKXB016WJZZ	-	Packing Add. (Stand)	-
S10	TLABKA009WJZZ	-	No. Label	-

(LC-45D40U)

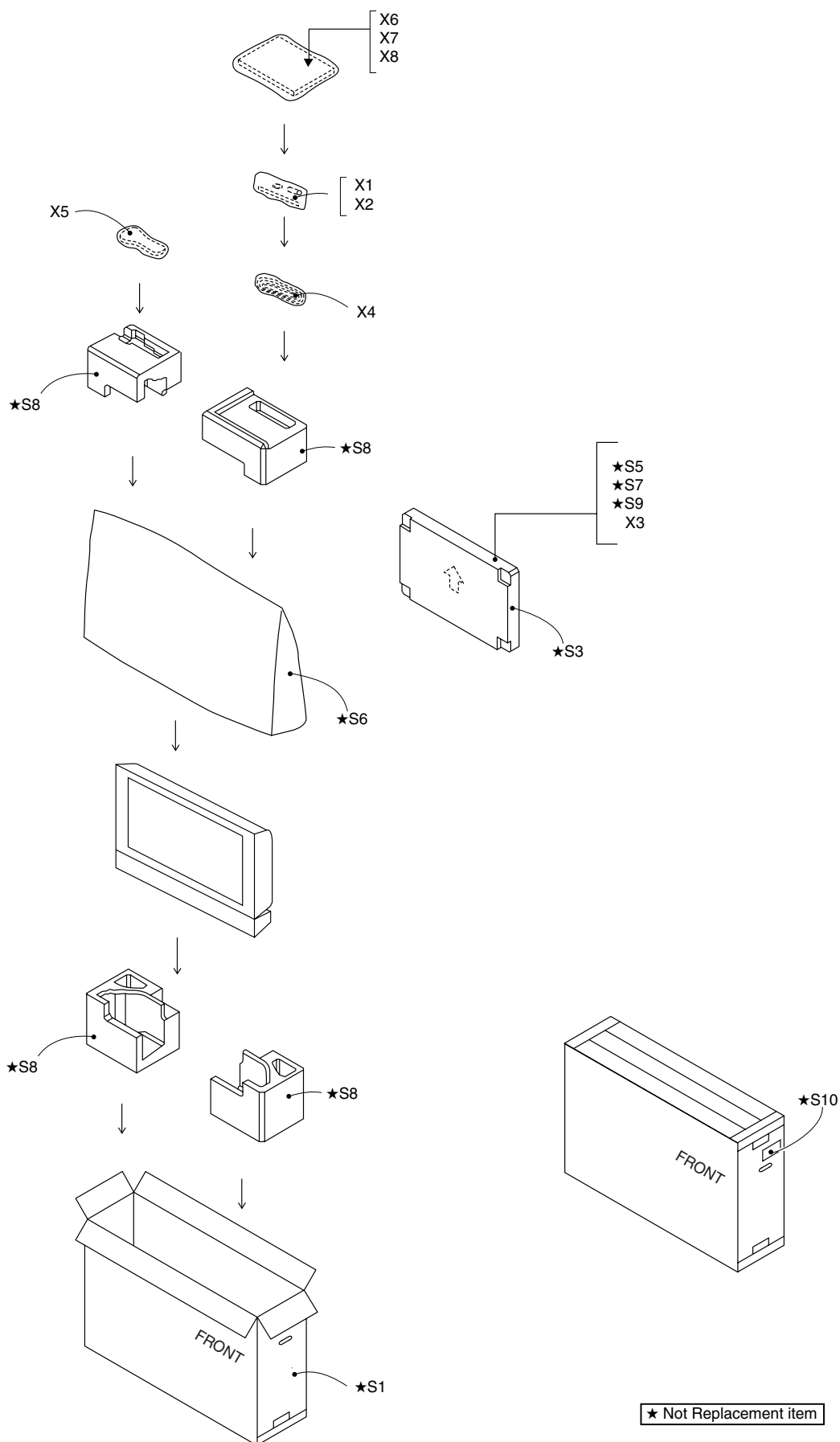
S1	SPAKCC525WJZZ	-	Packing Case	-
S2	SPAKCC526WJZZ	-	Packing Case (Bottom Case)	-
S3	SPAKFA973WJZZ	-	Packing Case (Stand)	-
S4	SPAKL0023CEZZ	-	Jyoint, x4	-
S5	SPAKPA601WJZZ	-	Wrapping Paper A	-
S6	SPAKPA634WJZZ	-	Wrapping Paper (Monitor)	-
S7	SPAKPA646WJZZ	-	Wrapping Paper C	-
S8	SPAKXA992WJZZ	-	Packing Add.	-
S9	SPAKXB017WJZZ	-	Packing Add. (Stand)	-
S10	TLABKA009WJZZ	-	No. Label	-

SERVICE JIGS (USE FOR SERVICING)

EXTENSION CABLES

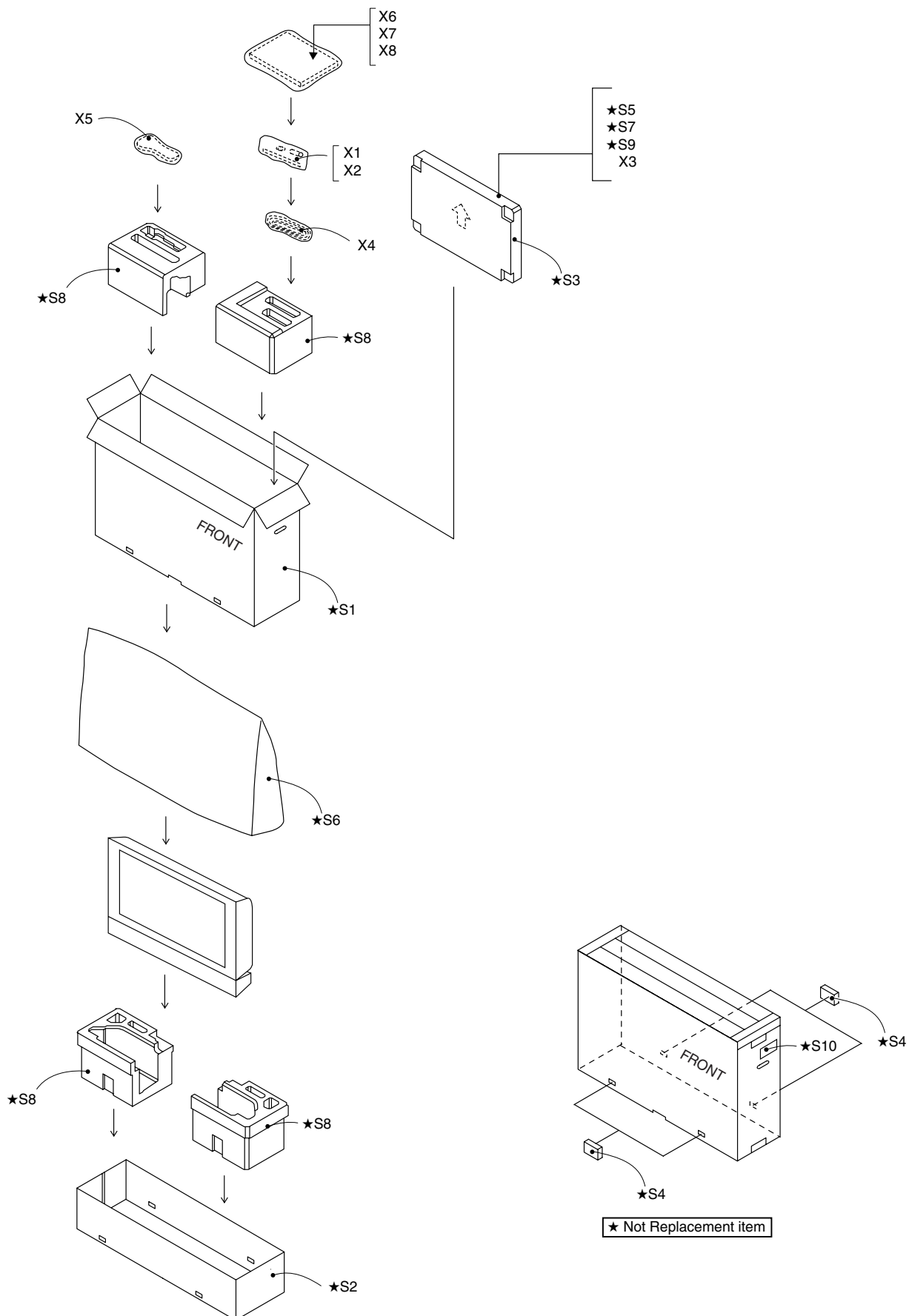
QC NW-C799WJPZ	J	RCA Cable L=1500mm, Tuner Extension	AG
QC NW-D483WJQZ	J	12pins L=1000mm, Main to Power Unit PE(PA)	AX
QC NW-E068WJQZ	J	6pins L=1000mm, Main to Power Unit PD (MI)	AS
QC NW-E670WJQZ	J	4-8pins L=1000mm, Main to Inverter Unit (LB)	AP
QC NW-E671WJQZ	J	10-14pins L=1000mm, Power to Inverter Unit (LA) (LC-37D40U)	AW
QC NW-E672WJQZ	J	14-14pins L=1500mm, Power to Inverter Unit (LA) (LC-45D40U)	AX
QC NW-E673WJQZ	J	30pins L=1000mm, Main to Controller Unit (LV)	BE
QC NW-E674WJQZ	J	7pins L=1000mm, Main to Controller Unit (SH)	AS
QC NW-E675WJQZ	J	5pins L=1000mm, Main Unit to Power Unit (FD) (LC-45D40U)	AQ

PACKING OF THE SET (LC-37D40U)



★ Not Replacement item

PACKING OF THE SET (LC-45D40U)



SCHEMATIC DIAGRAM

Models **LC-37D40U** **LC-45D40U**

CONTENTS

	Page
DESCRIPTION OF SCHEMATIC DIAGRAM	89
MAIN Unit	90
IF Unit	138
LED Unit	142
KEY Unit	143
AC INLET Unit	144

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. The voltages at test points are measured on exclusive AC adaptor and the stable supply voltage of AC 120V. Signals are fed by a colour bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted.
(K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted.
(K= ± 10%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/16W, unless otherwise noted.

CAPACITOR

1. All capacitors are μF, unless otherwise noted.
(P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.

CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:

1. **DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.**
2. **SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.**

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

AVIS DE SECURITE IMPORTANT:

LES PIECES MARQUEES "⚠" () SONT IMPORTANTES POUR MAINTENIR LA SECURITE DE L'APPAREIL.

NE REMPLACER CES PIECES QUE PAR DES PIECES DONT LE NUMERO EST SPECIFIE POUR MAINTENIR LA SECURITE ET PROTEGER LE BON FONCTIONNEMENT DE L'APPAREIL.

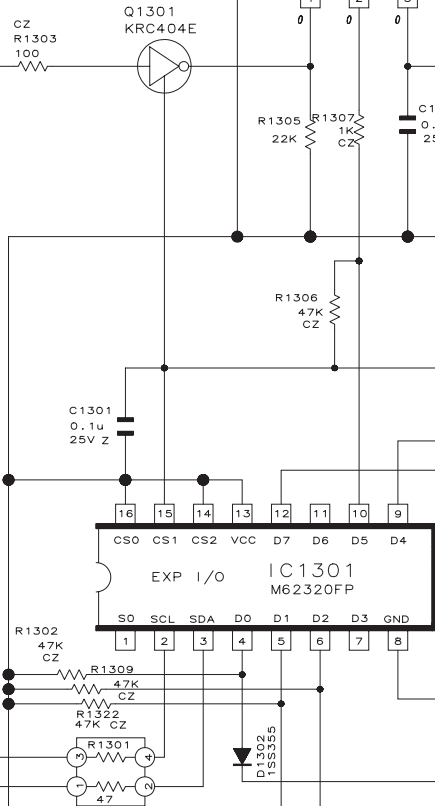
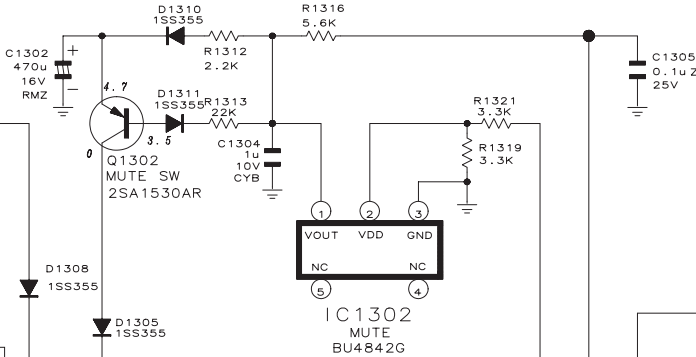
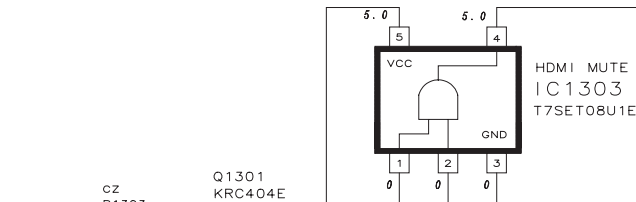
MAIN1 (TUNER)



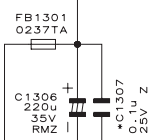
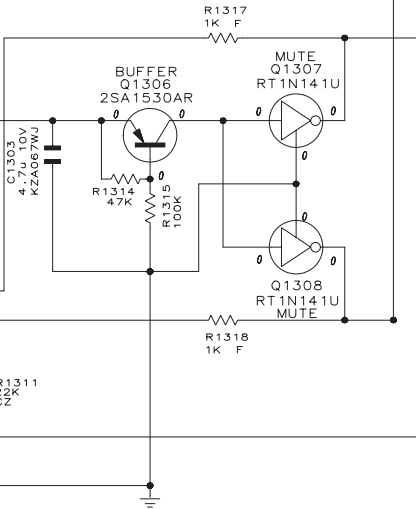
MAIN Unit 2/22

MAIN2 (AUDIO IF)

MAIN UNIT 2/22
DUNTKD640WE
(PWBXD640WJ)



M150
0: SP_MUTE_I/O
1: SP_RELAY_I/O
2: L_MUTE_I/O
3: (POWER_RELAY 1bit)
4: AMP_MUTE_I/O
5: HDMI_MUTE
6: (RESET 1bit)
7: STANDBY/(RST/PDN 1bit)



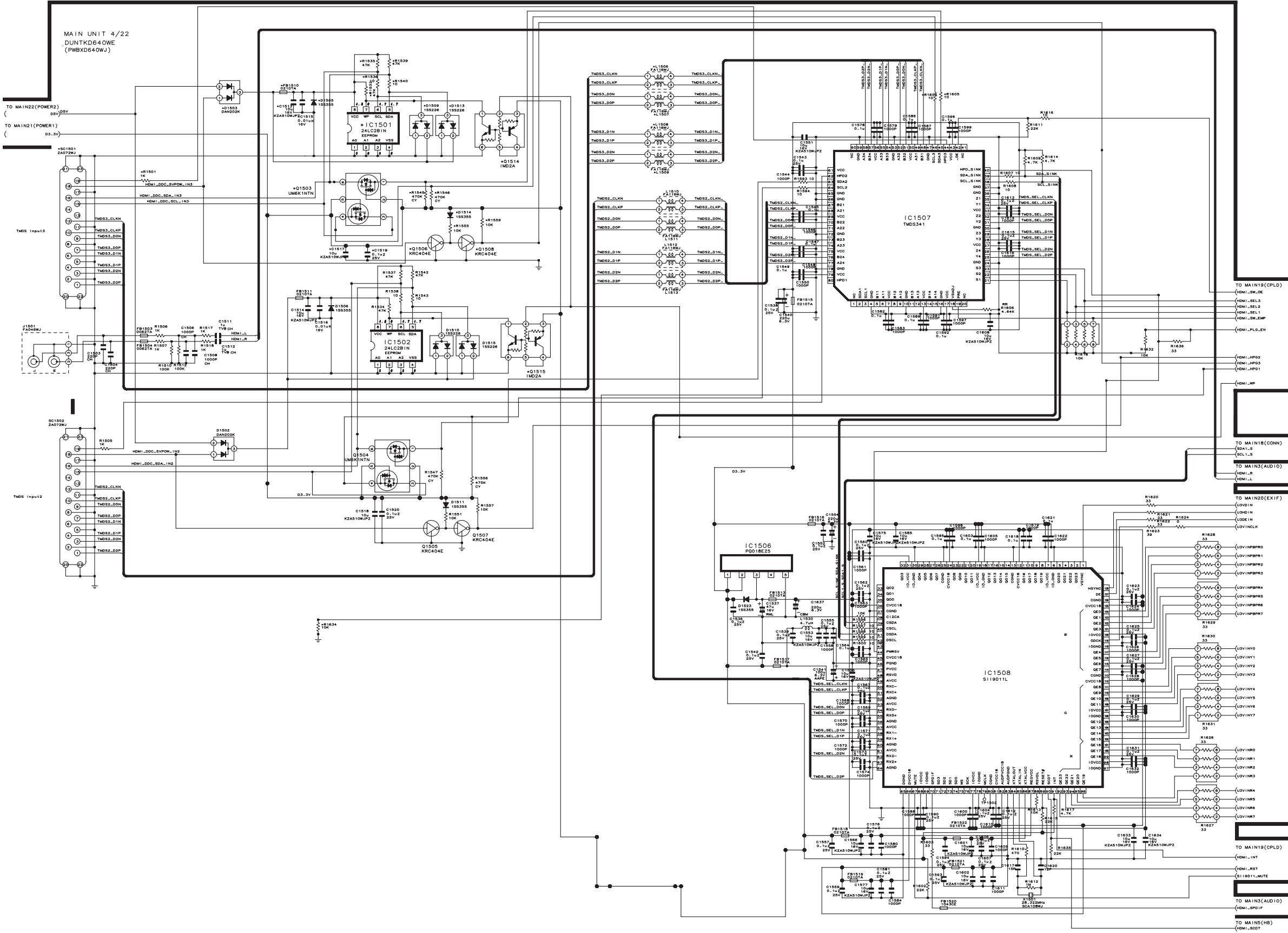
TO MAIN1(TUNER I/F)
L_MUTE

+SC1301
WA251WJ

23	D_GND
22	D_GND
21	13V
20	13V
19	13V
18	P_GND
17	P_GND
16	P_GND
15	NC
14	NC
13	A_GND
12	Relay_5V
11	R_ch
10	A_GND
9	A_GND
8	L_ch
7	NC
6	A_GND
5	AMP_MUTE
4	Standby
3	SP_Relay
2	NC
1	A_GND

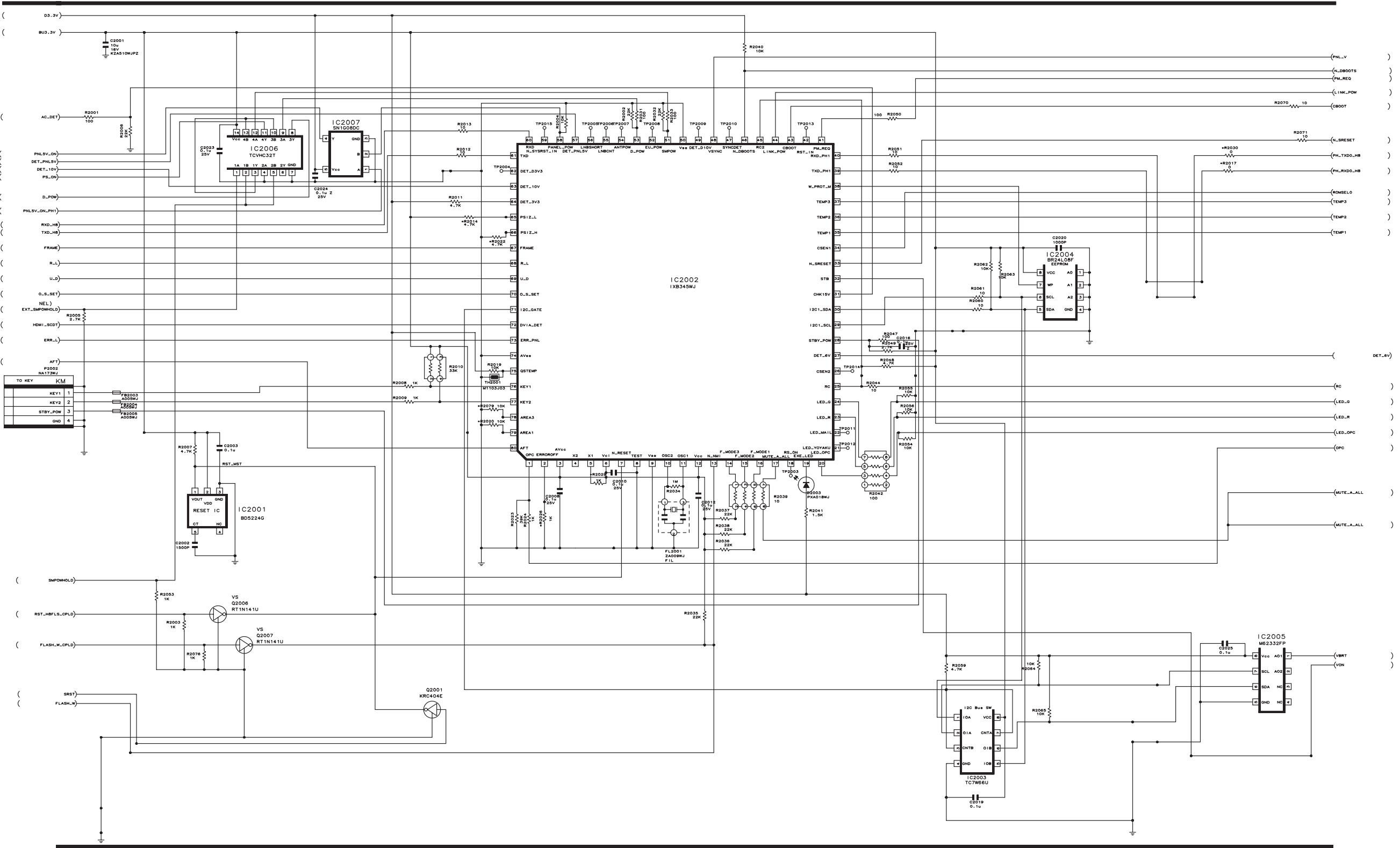
SA To IF PWB

MAIN4 (HDMI/DVI)



MAIN Unit 5/22 (LC-37D40U)

H
G
F
E
D
C
B
A



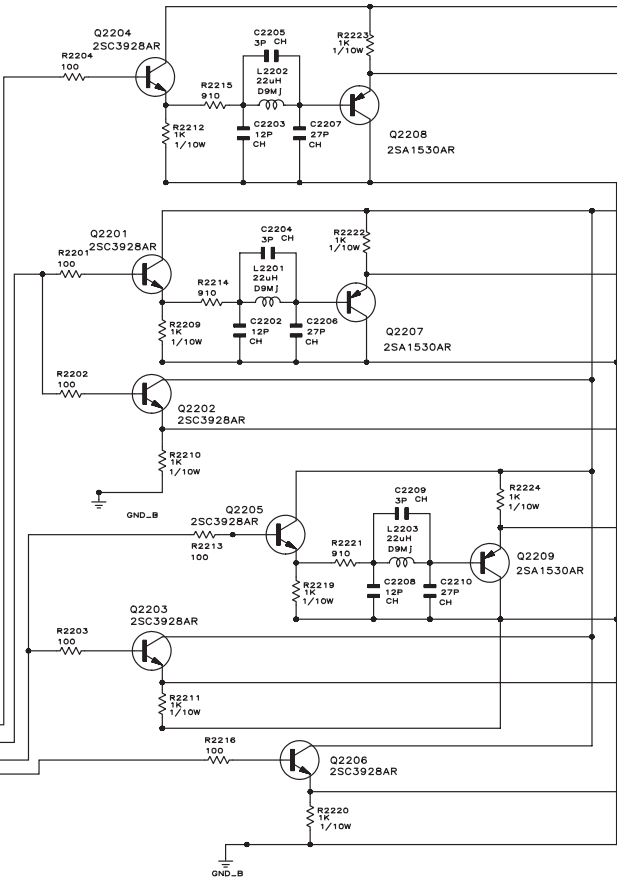
H



MAIN Unit 6/22

MAIN6 (AD)

MAIN UNIT 6/22
DUNTKD640WE
(PWBXD640WJ)



TO MAIN22(Power2)
(AGV)

TO MAIN7(VPC_TR)
(CVBS3
(CVBS1_M
(C_SIG1
(COMP_Y1
(COMP_Cb1
(COMP_Cr1

TO MAIN1(TUNER)
(CVBS1_A
(Y/VOUT1
(C/COMP1_Cb
(COMP1_Cr
(AFT)

TO MAIN5(HB)

(ERR_L)

TO MAIN8(PANEL)
(ERR_L)

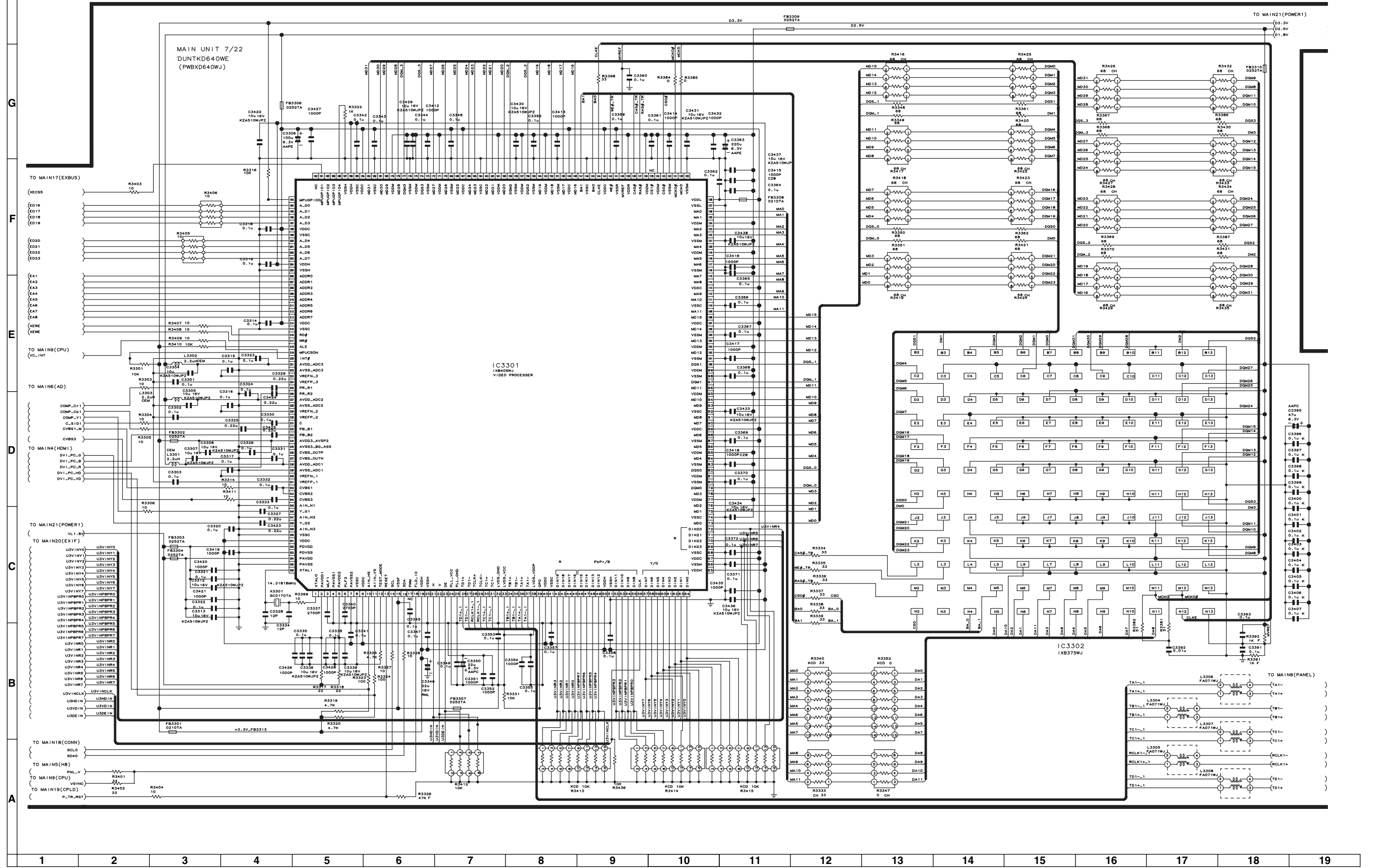
TO MAIN18(CONN)
(SCL0
(SDA0

TO MAIN8(CPU)
(SDA_INT)

TO MAIN3(AUDIO)
(SDA_INT)

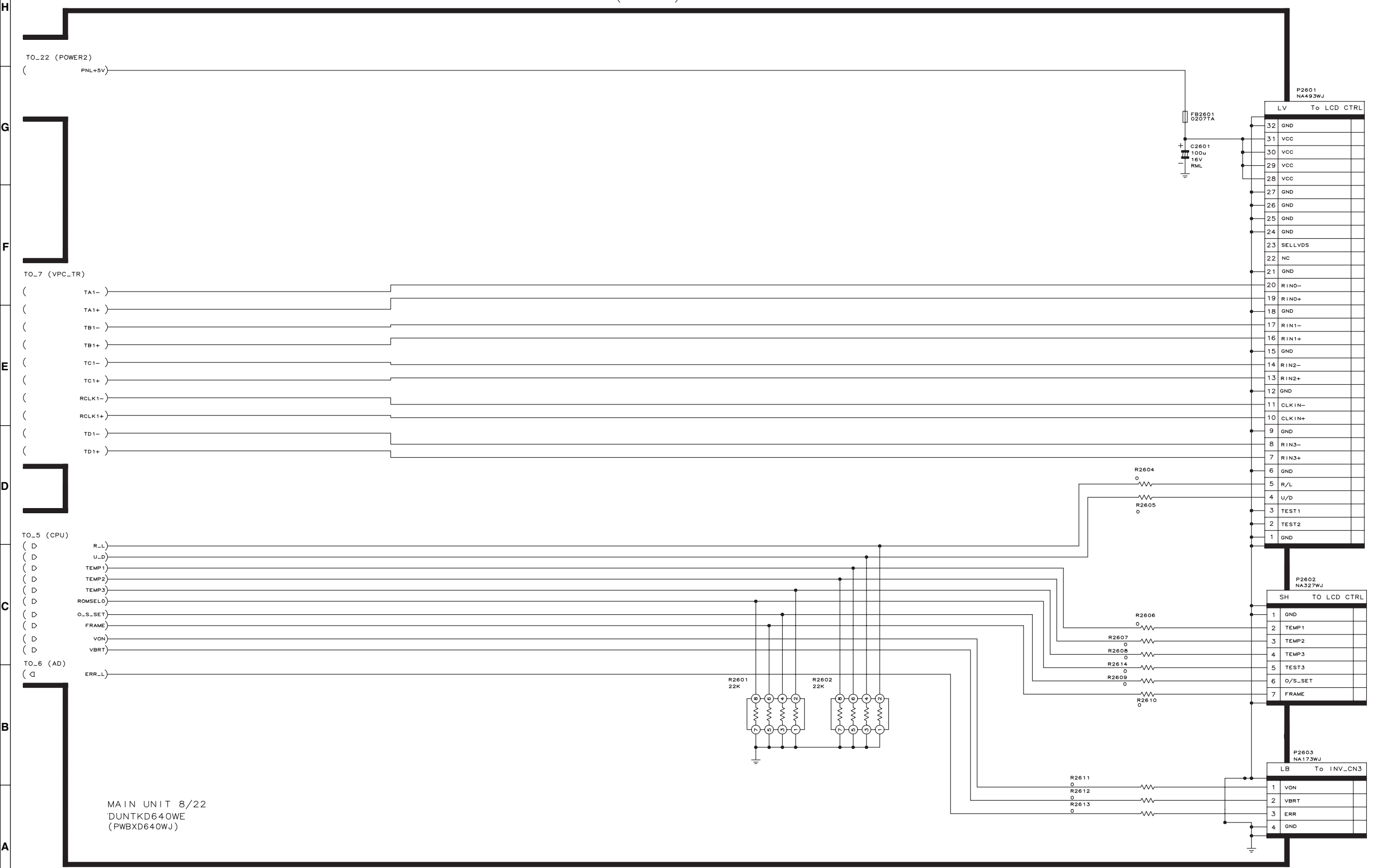
MAIN Unit 7/22

MAIN7 (VPC_TR)



MAIN Unit 8/22

MAIN 8 (PANEL)



LV To LCD CTRL

Pin	Signal
32	GND
31	VCC
30	VCC
29	VCC
28	VCC
27	GND
26	GND
25	GND
24	GND
23	SELLVDS
22	NC
21	GND
20	RIND-
19	RIND+
18	GND
17	RIN1-
16	RIN1+
15	GND
14	RIN2-
13	RIN2+
12	GND
11	CLKIN-
10	CLKIN+
9	GND
8	RIN3-
7	RIN3+
6	GND
5	R/L
4	U/D
3	TEST1
2	TEST2
1	GND

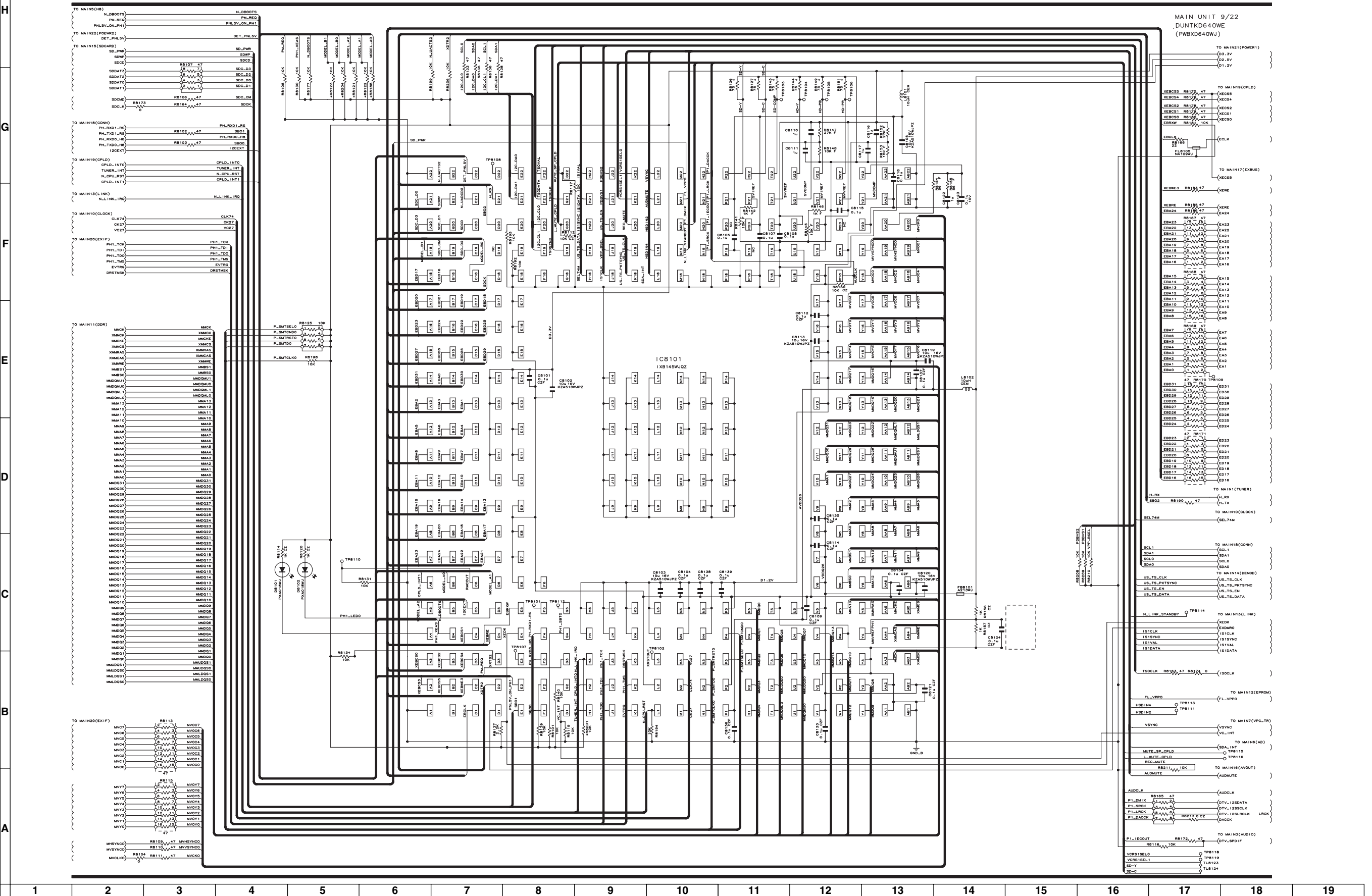
SH TO LCD CTRL

Pin	Signal
1	GND
2	TEMP1
3	TEMP2
4	TEMP3
5	TEST3
6	O/S_SET
7	FRAME

LB To INV_CN3

Pin	Signal
1	VON
2	VBRT
3	ERR
4	GND

MAIN9 (CPU)



MAIN Unit 10/22

MAIN10 (CLOCK)

MAIN UNIT 10/22
_DUNTKD640WE
(PWBXD640WJ)

TO MAIN21(POWER1)
(D3.3V)

TO MAIN9(CPU)
(VC27)

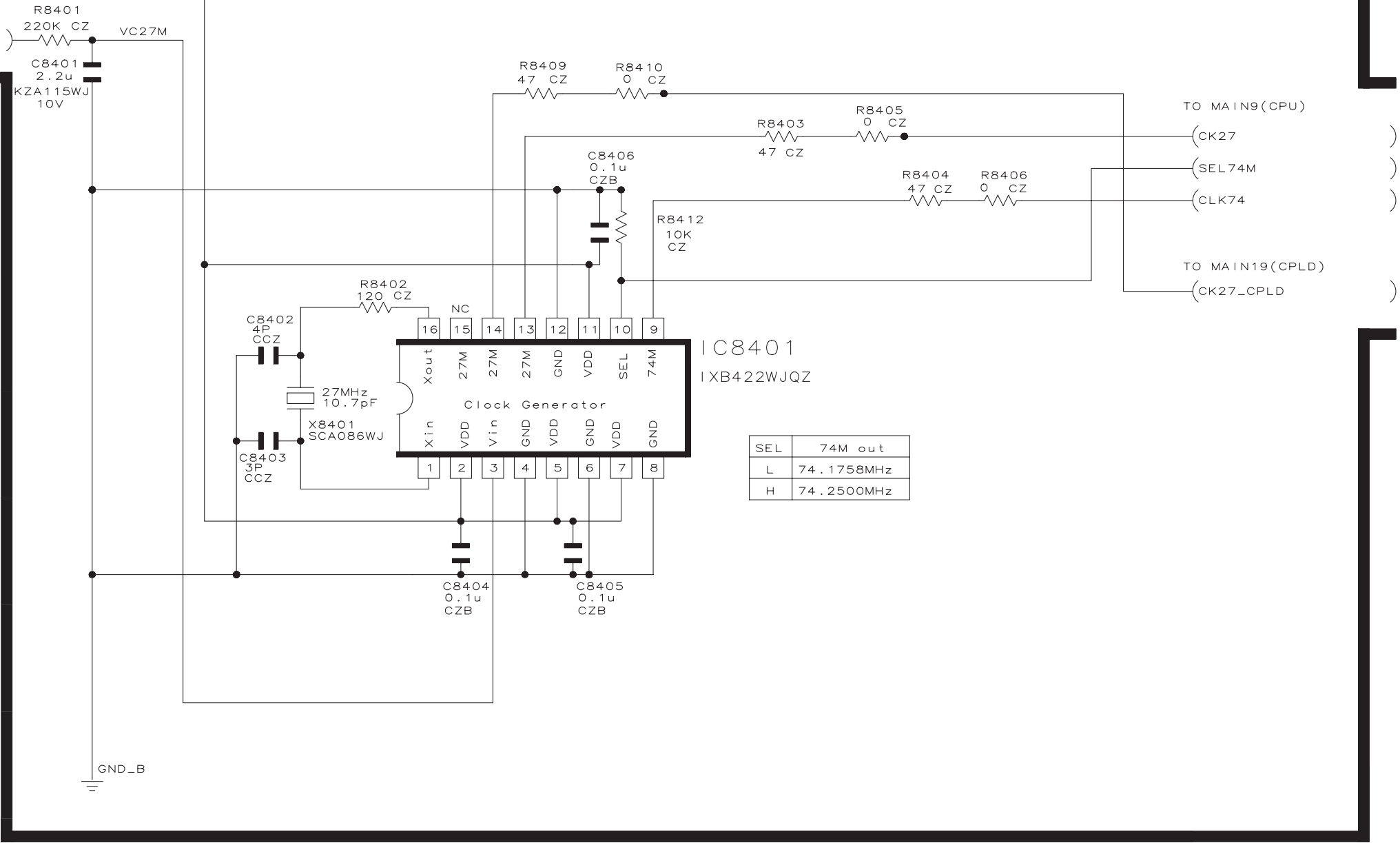
TO MAIN9(CPU)

(CK27)
(SEL74M)

(CLK74)

TO MAIN19(CPLD)

(CK27_CPLD)



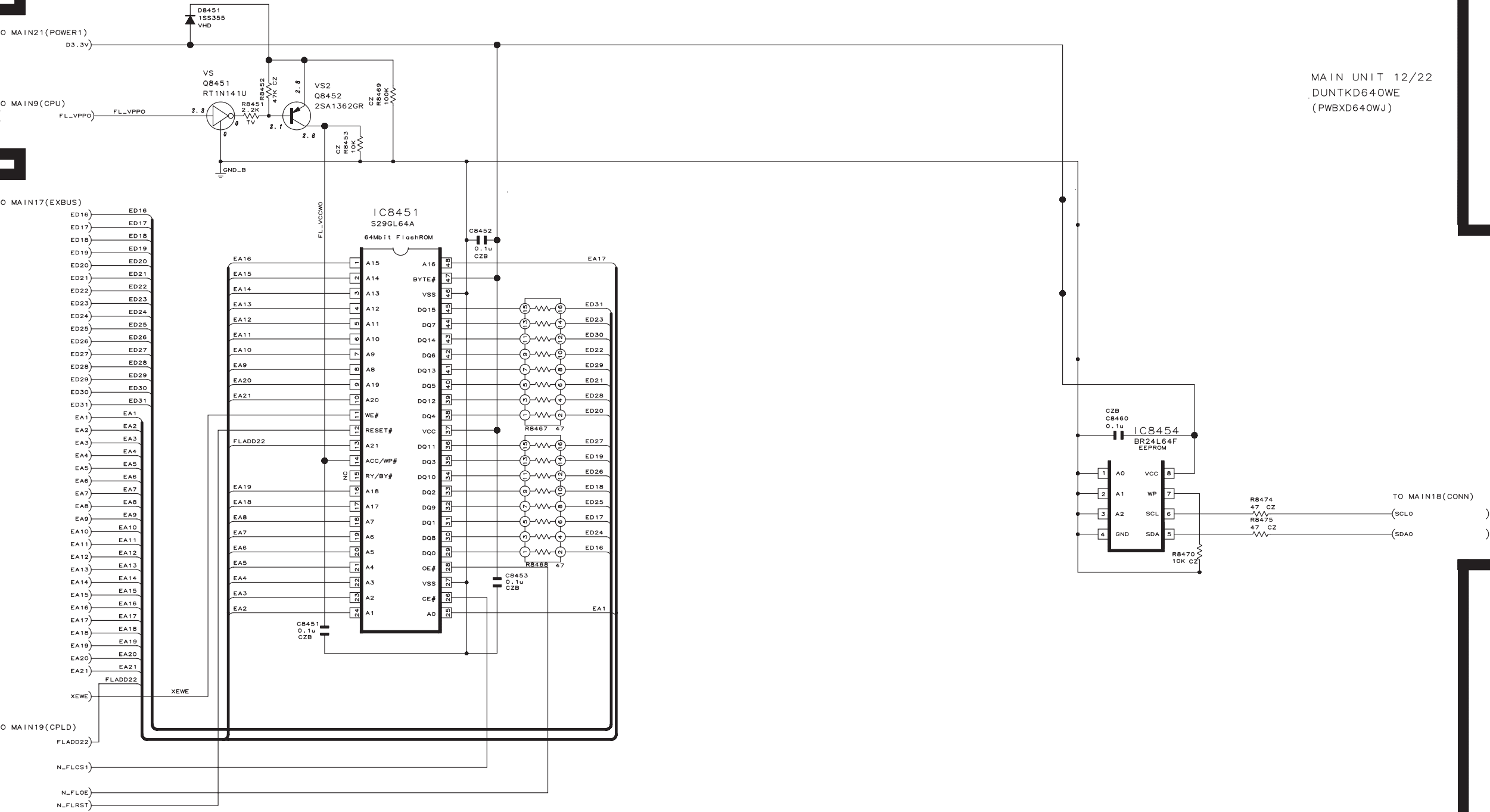
SEL	74M out
L	74.1758MHz
H	74.2500MHz

MAIN 11/22 (DDR)



MAIN Unit 12/22

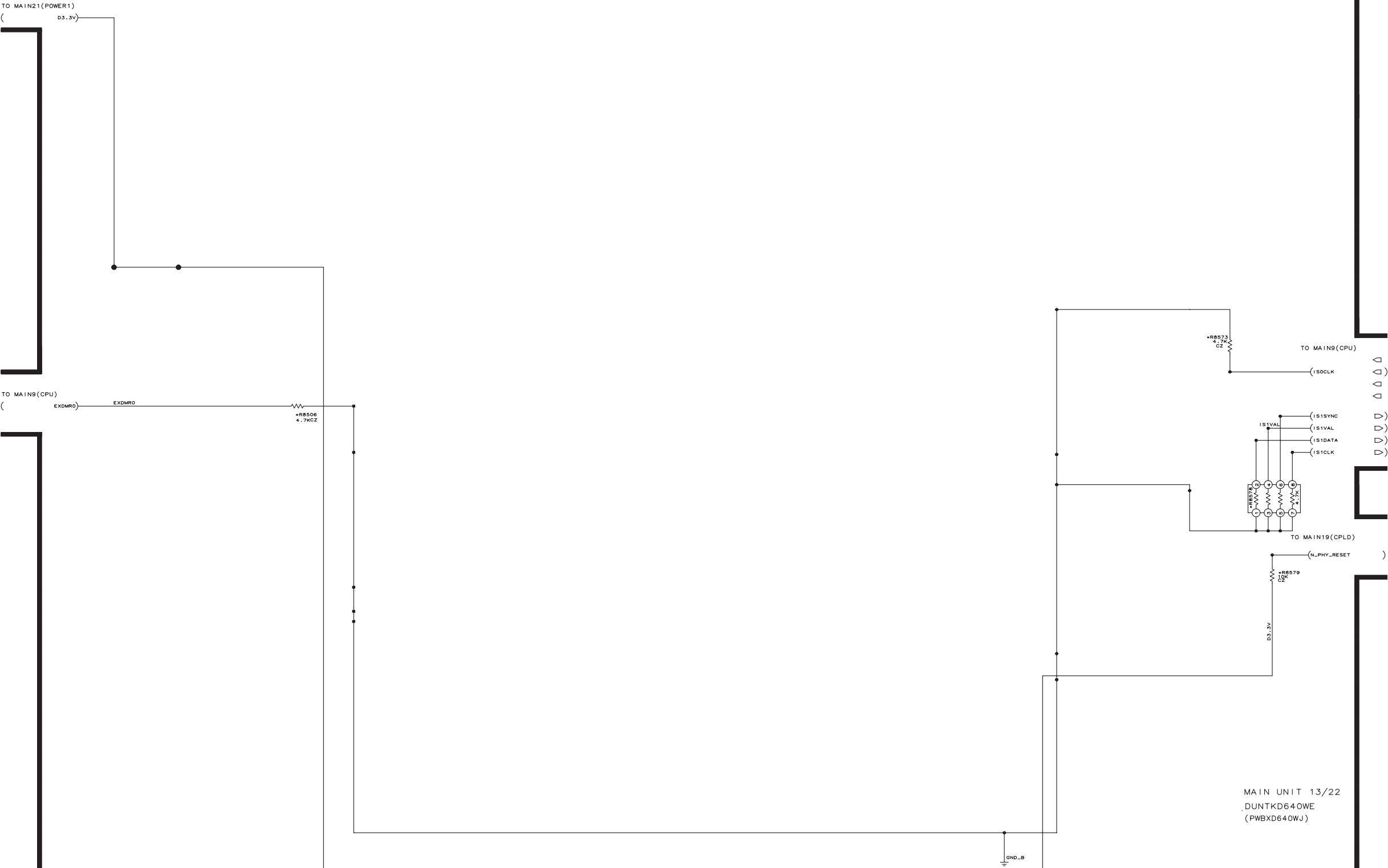
MAIN12 (EPROM)



MAIN UNIT 12/22
DUNTGD640WE
(PWBXD640WJ)

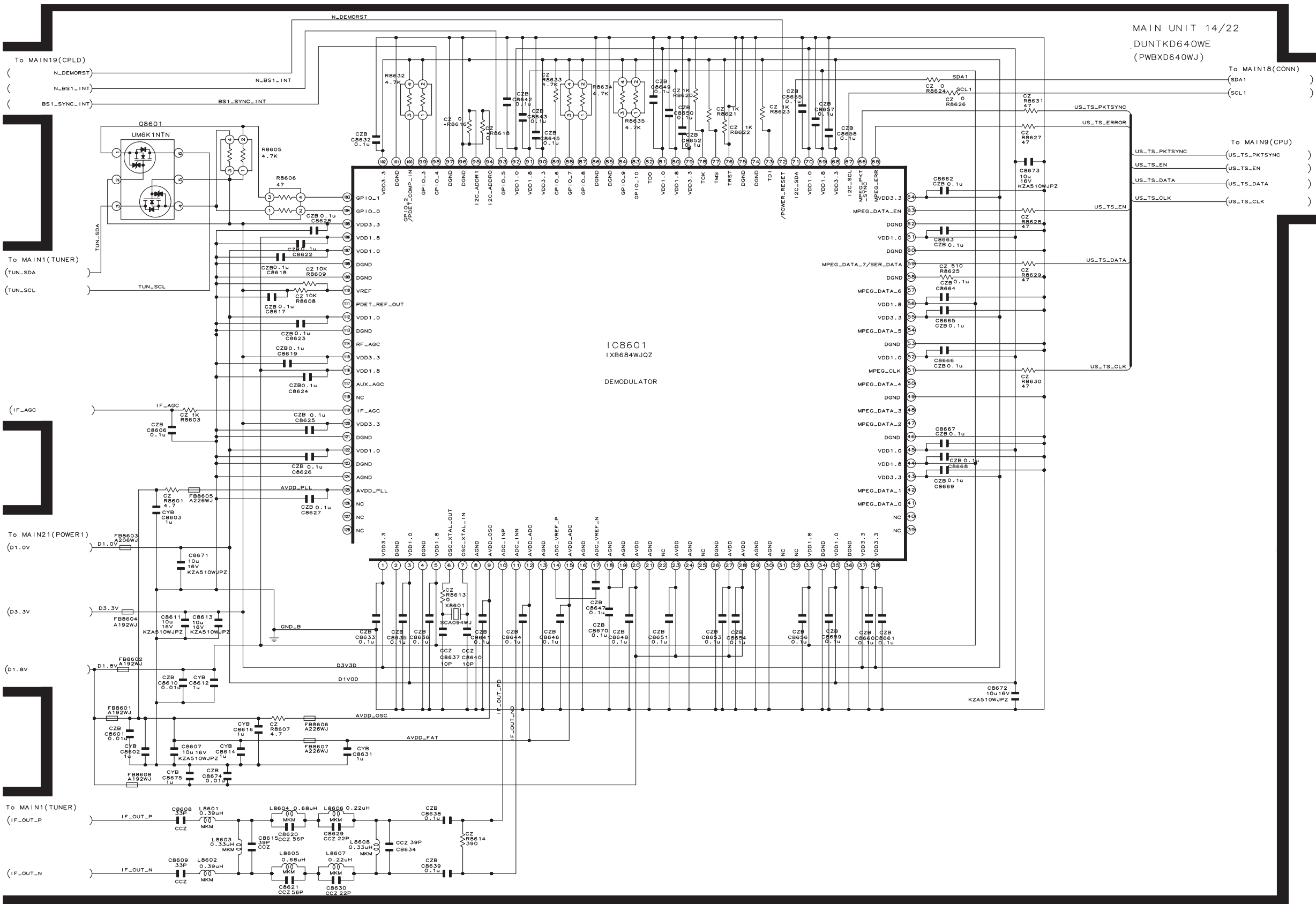
MAIN Unit 13/22

MAIN13 (LINK)



H
G
F
E
D
C
B
A

MAIN14 (DEM0D)



MAIN15 (SDCARD)

[illegible]

MAIN Unit 16/22

MAIN16 (AVOUT)

H

G

F

E

D

C

B

A

TO MAIN22(POWER2)
(BUSV)

TO MAIN9(CPU)
(DACCK)
(DTV_I2SSCLK)
(DTV_I2SDATA)
(LRCK DTV_I2SLRCLK)

TO MAIN3(AUDIO)
(DTV_I2SMCLK)
(DTV_I2SSCLK)
(DTV_I2SLRCLK)
(DTV_I2SDATA)

GND_B

R8834
0 CZ

R8804
10K
CZ

R8803
10K
CZ

MAIN UNIT 16/22
.DUNTKD640WE
(PWBXD640WJ)

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

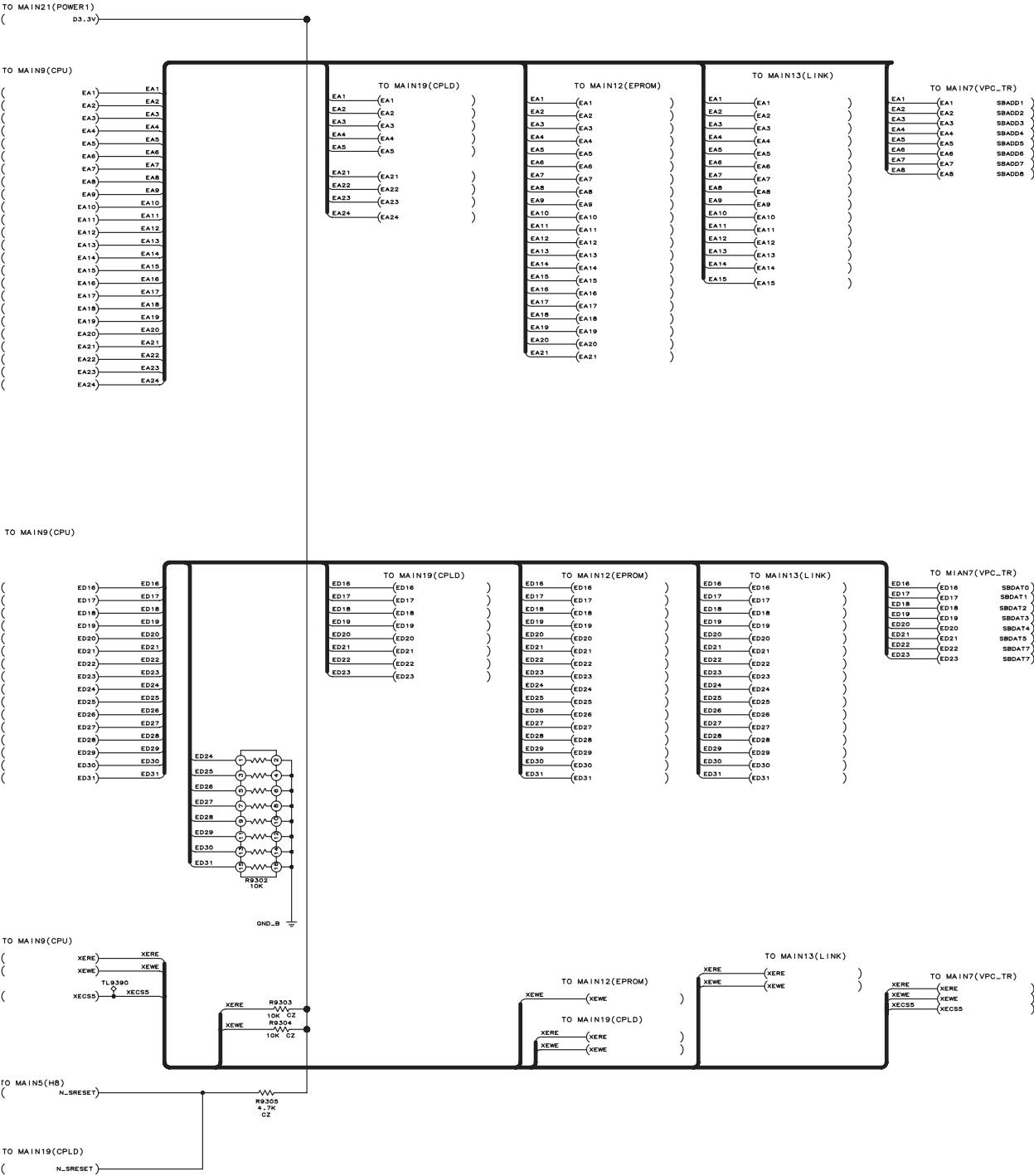
17

18

19

MAIN Unit 17/22

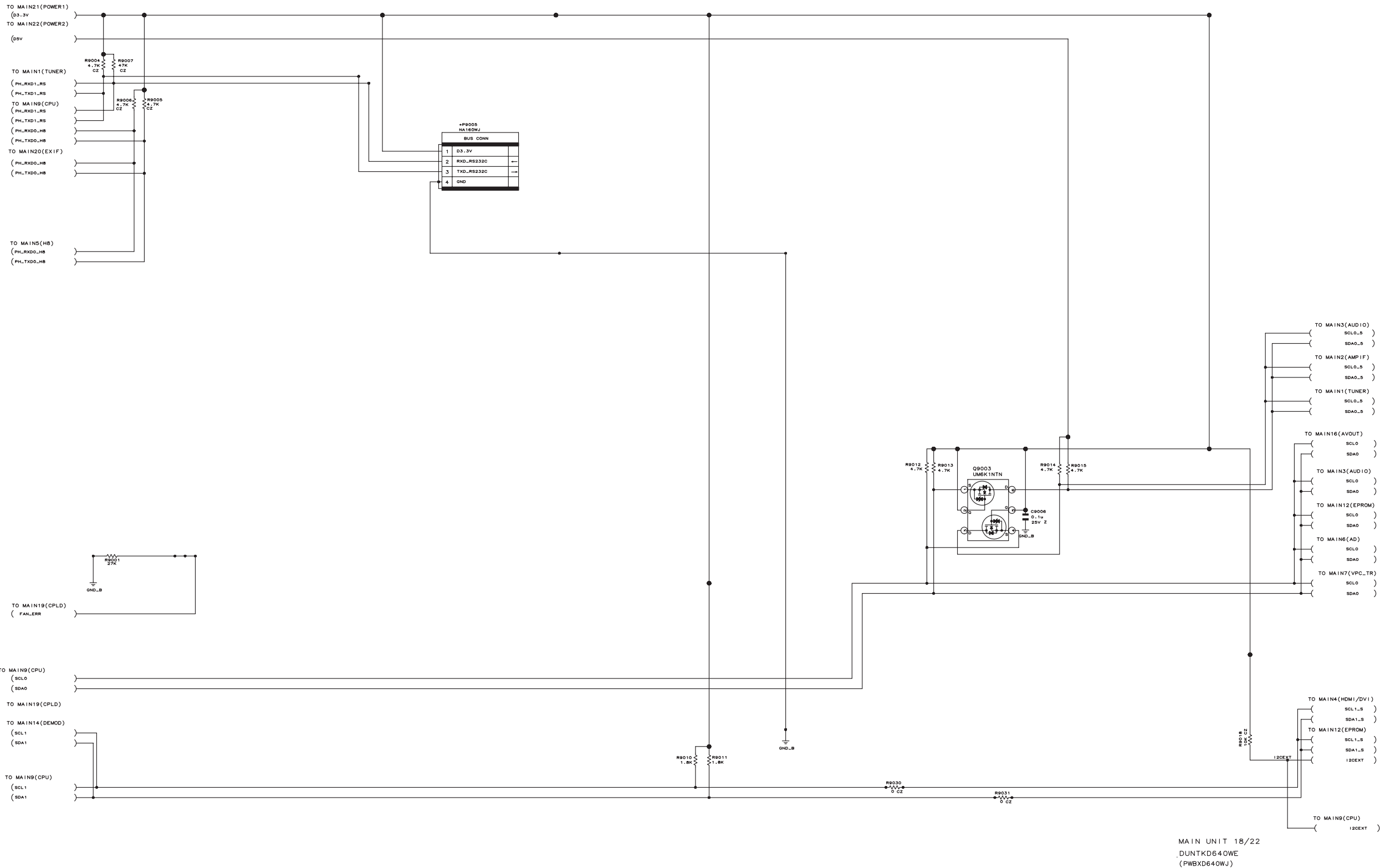
MAIN17 (EXBUS)



MAIN UNIT 17/22
.DUNTKD640WE
(PWBXD640WJ)

MAIN Unit 18/22 (LC-37D40U)

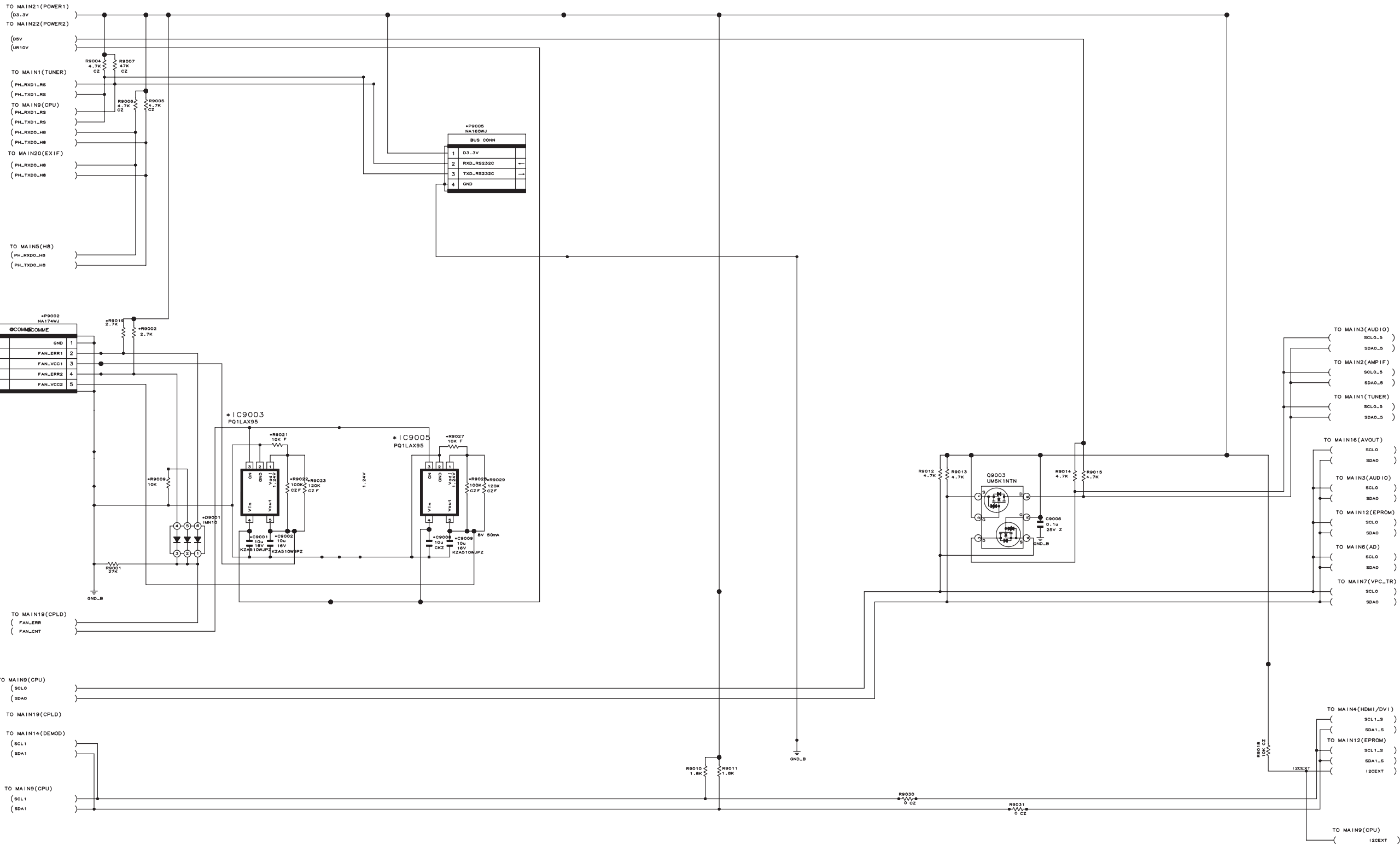
MAIN18 (CONN)



MAIN UNIT 18/22
DUNTKD640WE
(PWBXD640WJ)

MAIN Unit 18/22 (LC-45D40U)

MAIN18 (CONN)

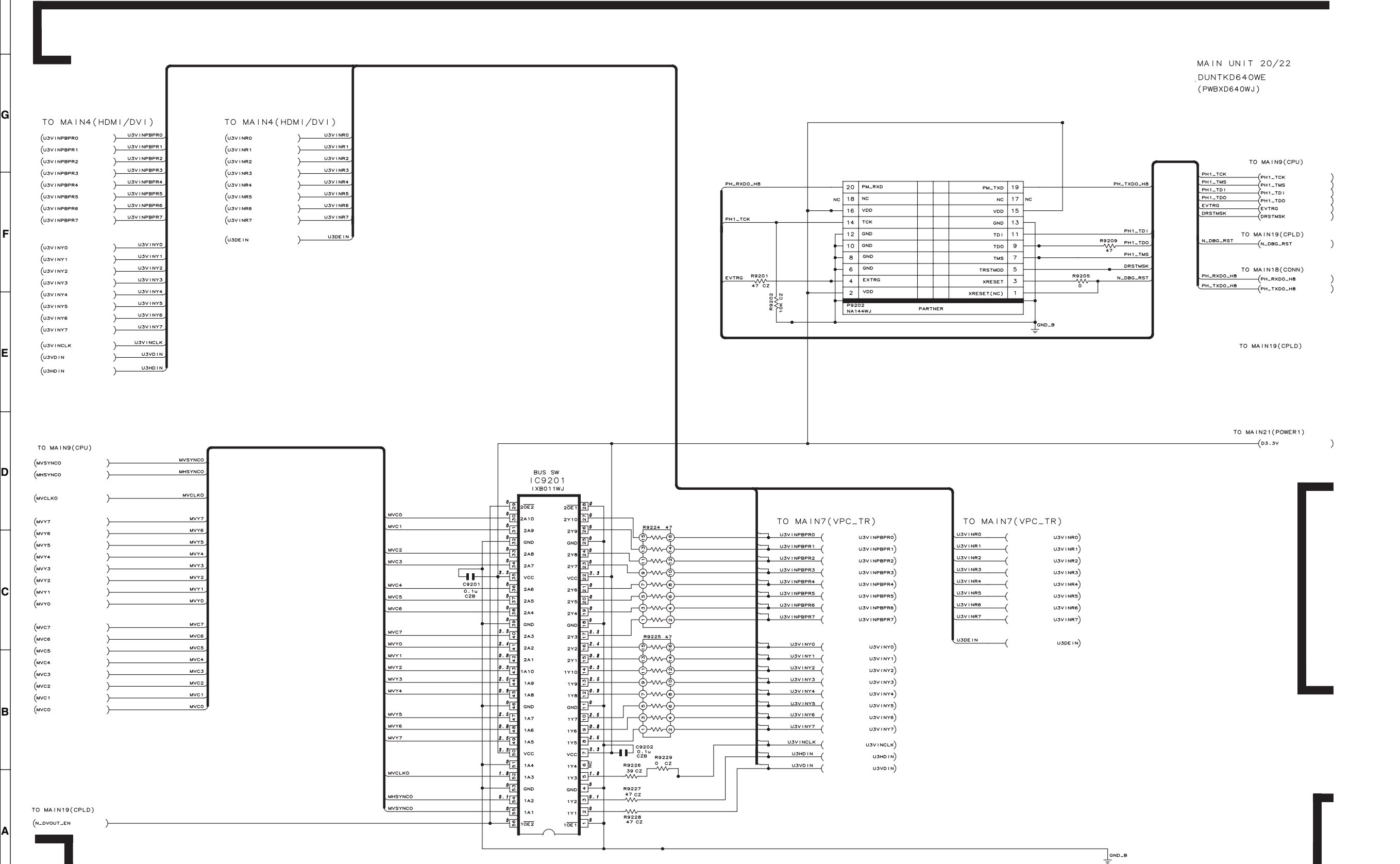


MAIN UNIT 18/22
DUNTKD640WE
(PWBXD640WJ)

MAIN19 (CPLD)



MAIN20 (EXIF)

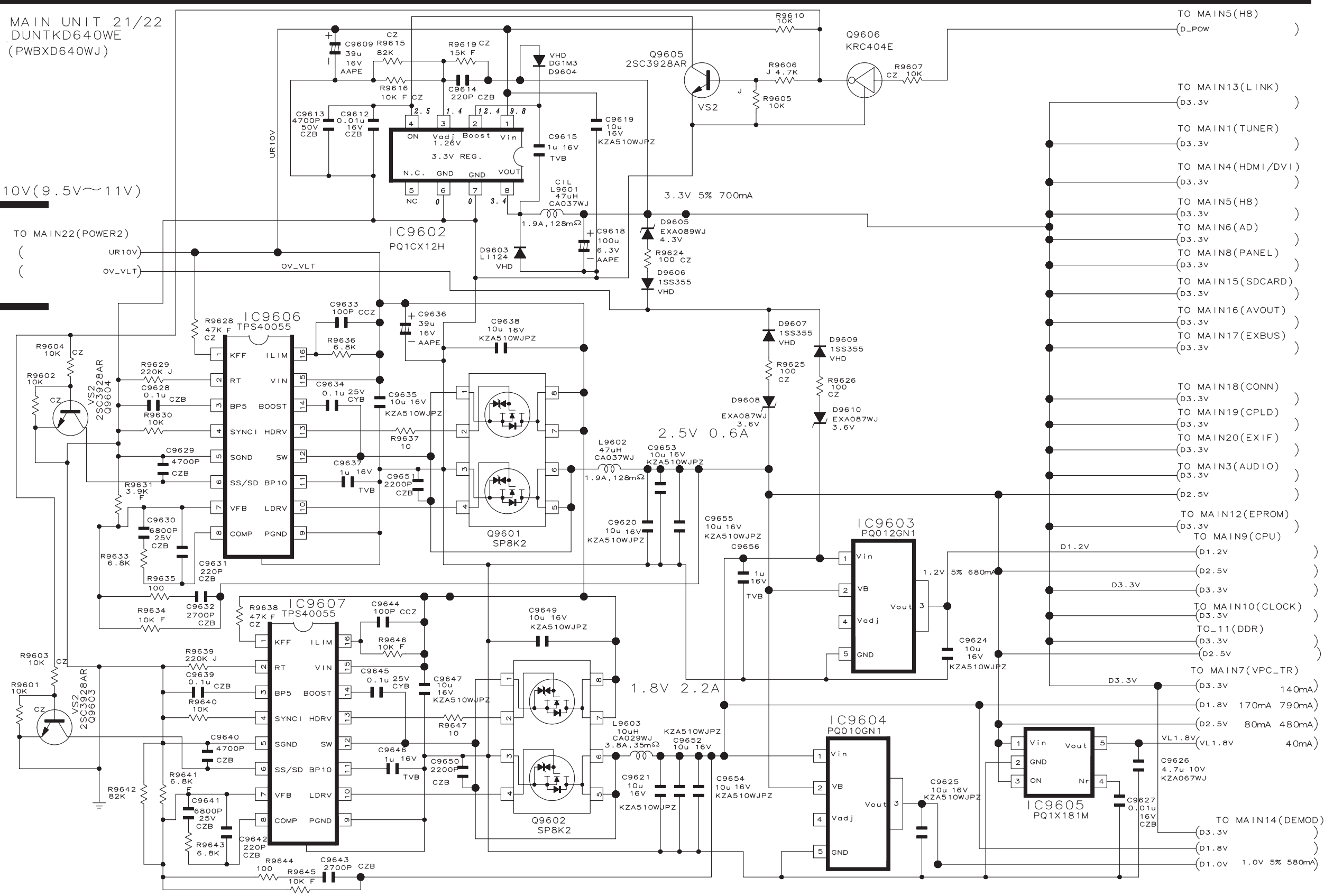


MAIN Unit 21/22

MAIN21 (POWER1)

MAIN UNIT 21/22
DUNT640WE
(PWBXD640WJ)

10V(9.5V~11V)



MAIN Unit 22/22

MAIN22 (POWER2)

MAIN UNIT 22/22
DUNTKD640WE
(PWBXD640WJ)

P9701 NA181WJ		
PE	To Power Unit	
6V	1	
GND	2	
PNL5V	3	
PNL5V	4	
GND	5	
GND	6	
10V	7	
10V	8	
GND	9	
GND	10	
AMP13V	11	
AMP13V	12	

TO MAIN2(AMPIF)
(
UR13V)

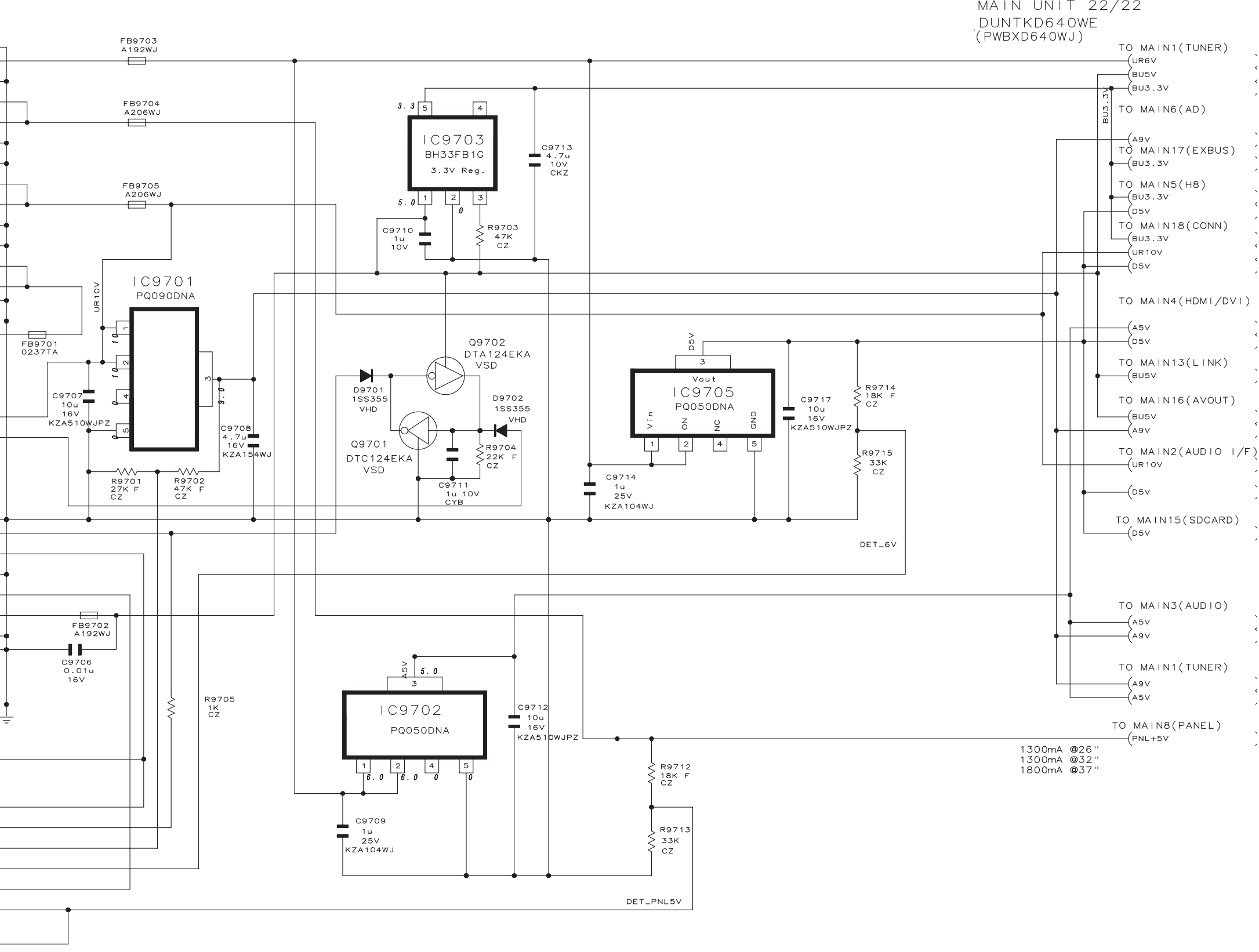
TO MAIN21(POWER1)
(
UR10V)
(
OV_VLT)

P9702 NA175WJ		
PD	To Power Unit	
PS_ON	1	
AC_DET	2	
GND	3	
PNL_POW	4	
BU5V	5	
GND	6	

TO MAIN3(AMPIF)
(
AC_DET)

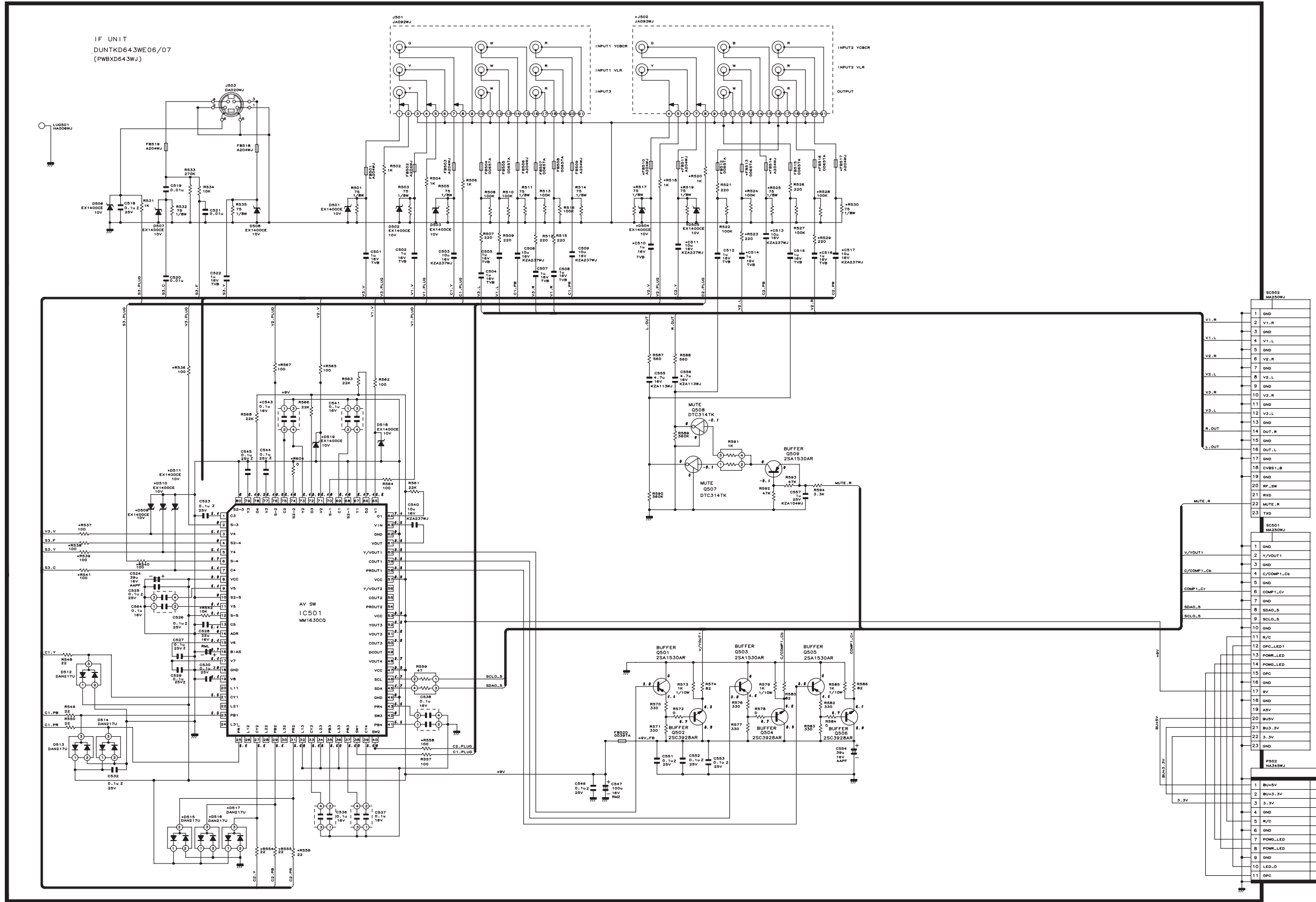
TO MAIN5(H8)
(
AC_DET)
(
PS_ON)
(
DET_10V)
(
DET_6V)
(
PNL5V_ON)
(
DET_PNL5V)

TO MAIN9(CPU)
(
DET_PNL5V)

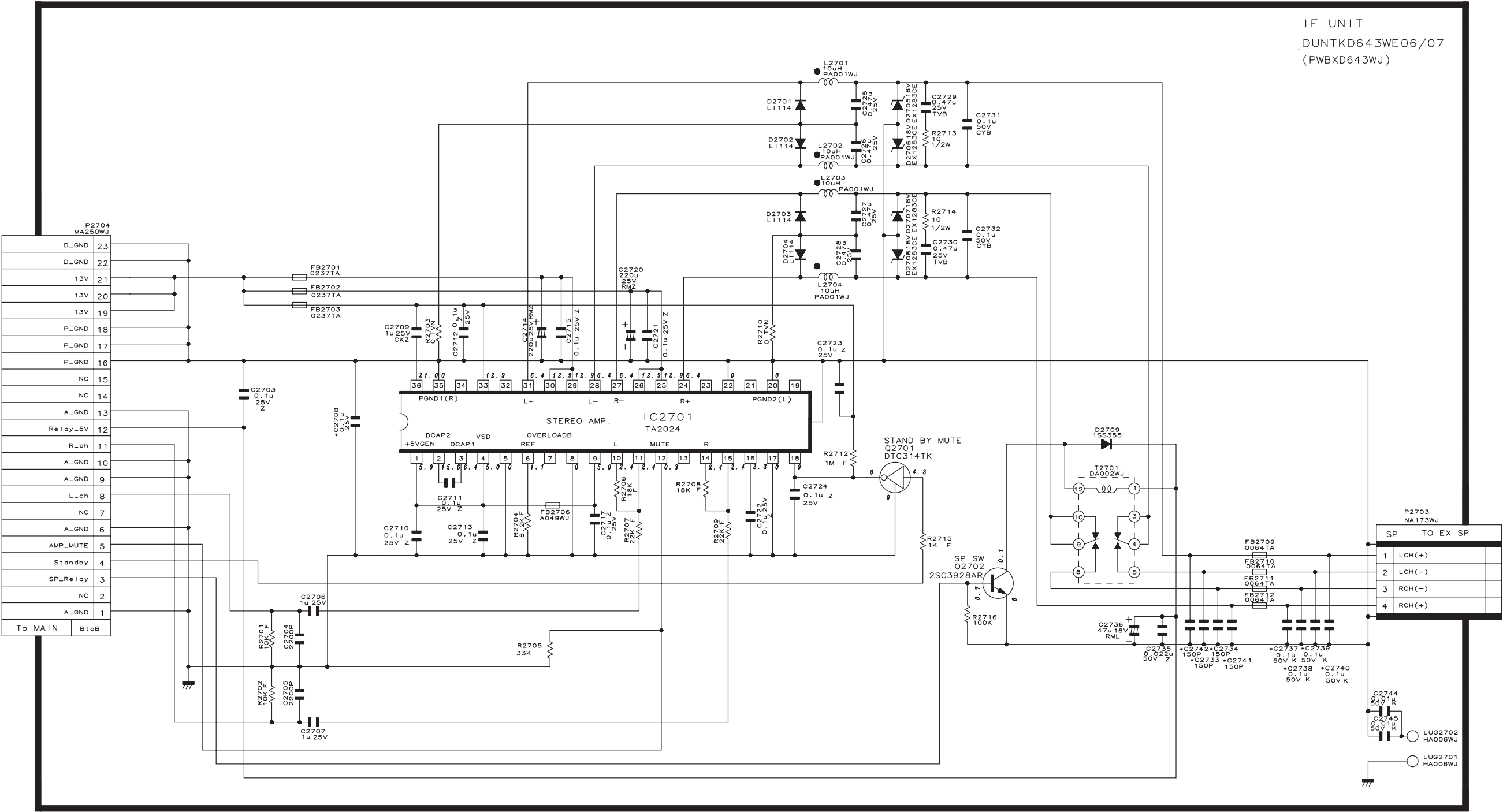


1300mA @26"
1300mA @32"
1800mA @37"

IF_UNIT(32/37)



IF Amplifier section



LED Unit

R/C . LED

RC.LED UNIT
DUNT KD641WE06/07
(PWBXD641WJ)

IR RECEIVER MODULE
RMC101
UA053WJ

SLD101
PSLDM4646CEFW

P101
NA331WJ

TO AV3	RA
BU+5V	1
BU+3.3V	2
3.3V	3
GND	4
R/C	5
GND	6
POWG_LED	7
POWR_LED	8
GND	9
LED_O	10
OPC	11

E

D

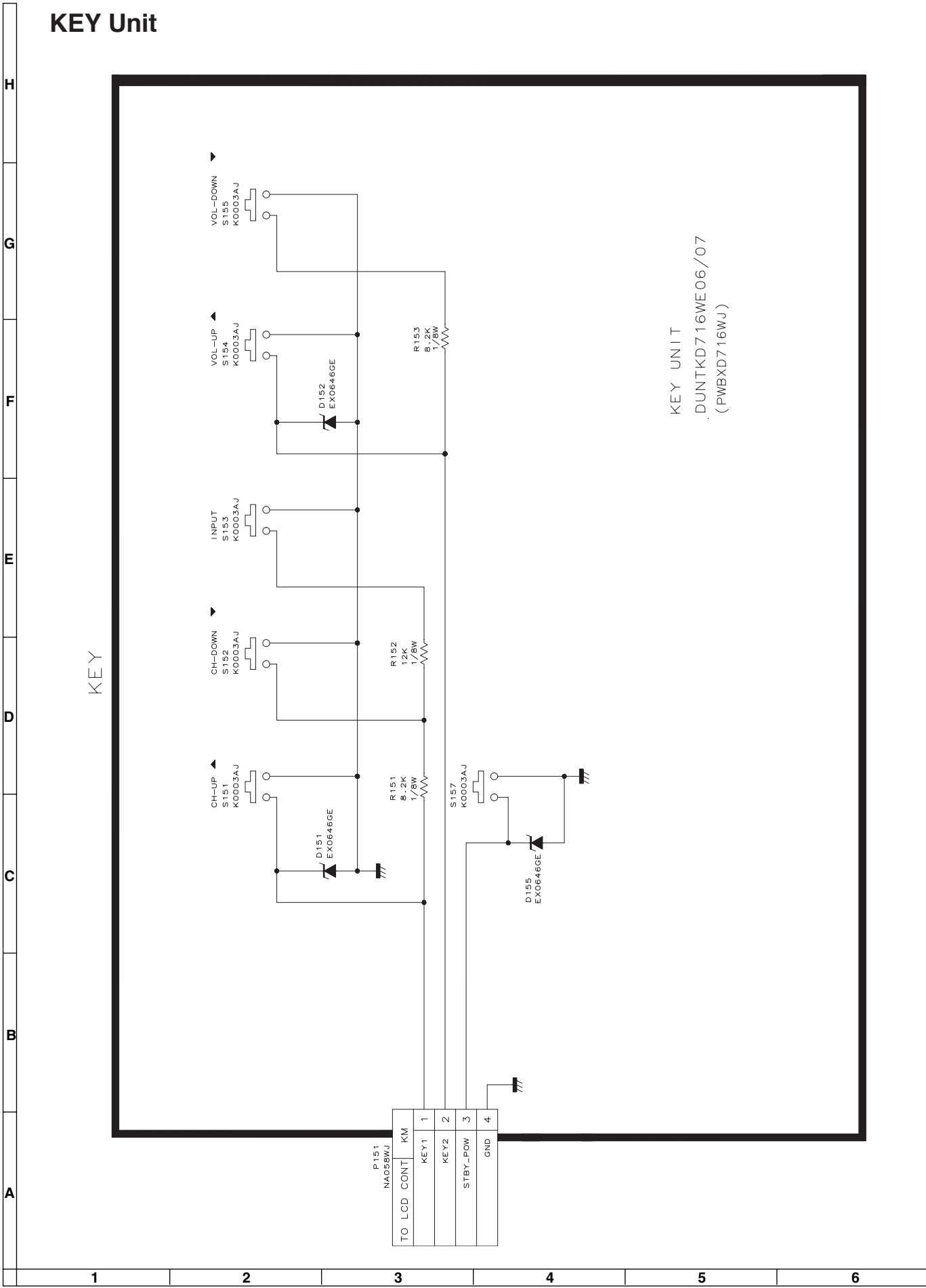
C

B

A

1	2	3	4	5	6
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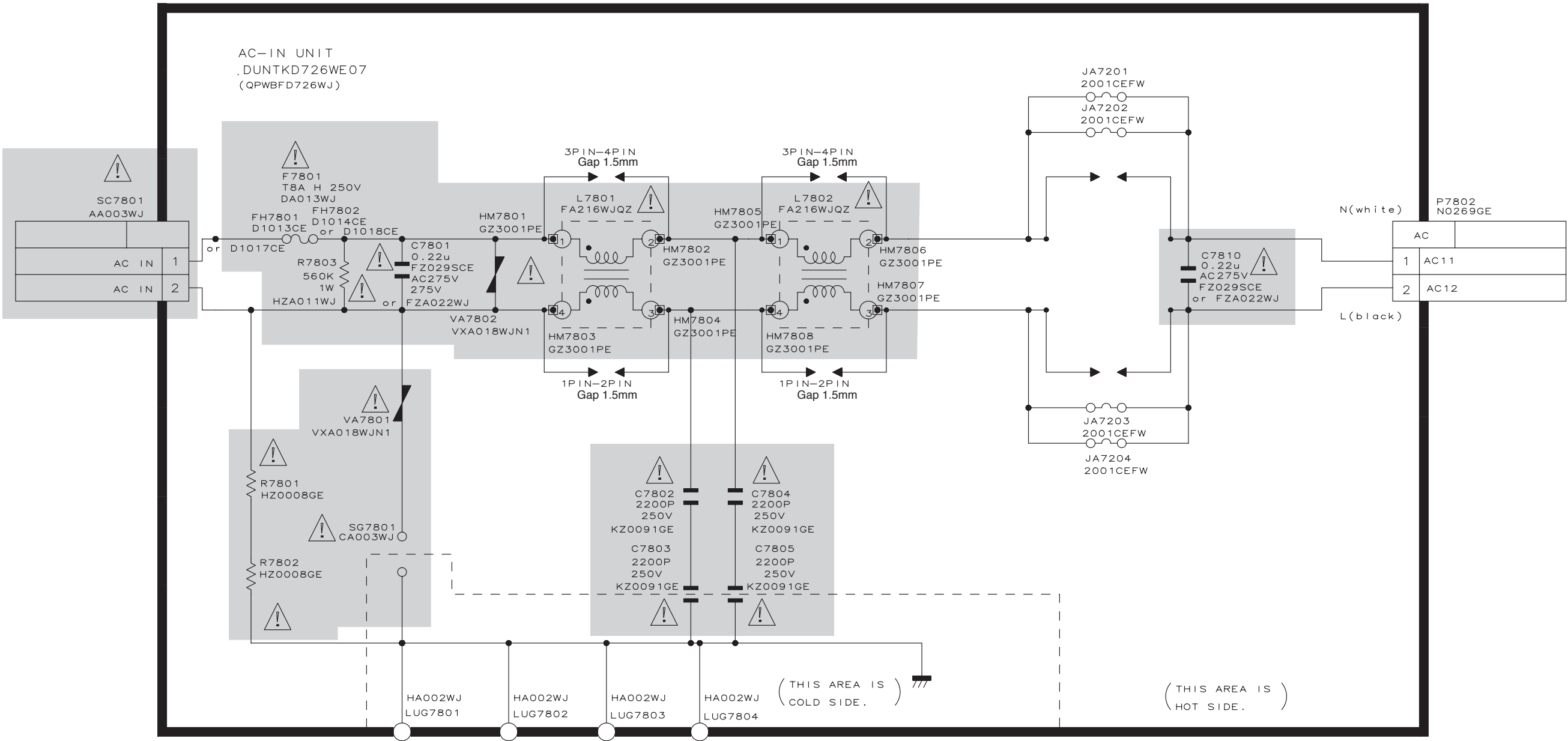
KEY Unit



AC INLET Unit (LC-45D40U Only)

⚠ AND SHADED COMPONENTS=SAFETY RELATED PARTS

AC-IN



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